



കേരള ഗസറ്റ് KERALA GAZETTE

ആധികാരികമായി പ്രസിദ്ധപ്പെടുത്തുന്നത്
PUBLISHED BY AUTHORITY

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PART III Stores Purchase

Agriculture Development and Farmers' Welfare Department

ദർഘാസ് പരസ്യം

നമ്പർ ബി-589/2020. 2020 ഒക്ടോബർ 23.

കാർഷിക വികസനകർഷകക്ഷേമ വകുപ്പിന്റെ 2020-21 വർഷത്തെ വാർഷിക പദ്ധതിയിൽ ഉൾപ്പെടുത്തി അഞ്ചൽ ജില്ലാ കൃഷി ഫാമിൽ വിവിധ വിളപരിപാലന ആവശ്യങ്ങൾക്കായി 400 ഘനമീറ്റർ ഉണങ്ങി പൊടിഞ്ഞ ചാണകം ലഭ്യമാക്കുന്നതിനായി മൽസരസ്വഭാവമുള്ള ദർഘാസുകൾ ക്ഷണിക്കുന്നു.

നിരതദ്രവ്യം—₹ 10,000.

ദർഘാസ് ഫോറത്തിന്റെ വില—₹ 800 + ജി.എസ്.ടി.

ദർഘാസ് ഫോറം ലഭിക്കുന്ന അവസാന തീയതിയും സമയവും—30-11-2020, 11.30 മണി.

ദർഘാസ് ഫോറം സ്വീകരിക്കുന്ന അവസാന തീയതിയും സമയവും—30-11-2020, 12.30 മണി.

ദർഘാസ് തുറക്കുന്ന തീയതിയും സമയവും—30-11-2020, 3 മണി.

നിബന്ധനകൾ

1. ടെണ്ടറിൽ പങ്കെടുക്കുവാൻ ആഗ്രഹിക്കുന്നവർ ഒരു ക്യൂബിക് മീറ്റർ ചാണകം ഫാമിൽ എത്തിച്ചു തരുന്നതിന് ഏറ്റവും കുറഞ്ഞ നിരക്ക് രേഖപ്പെടുത്തി 25 x 12 cm വലിപ്പമുള്ള കവരിനുള്ളിൽ സീൽചെയ്ത ടെണ്ടറുകൾ നിശ്ചിത സമയത്തിനുമുമ്പായി അഞ്ചൽ

ജില്ലാ കൃഷി ഫാം സുപ്രണ്ടിന്റെ പേരിൽ ഫാം ഓഫീസിൽ നൽകേണ്ടതാണ്. ചാണകം സപ്ലൈ ചെയ്യുന്നതിനുള്ള ടെണ്ടർ എന്ന് കവരിനു പുറത്ത് രേഖപ്പെടുത്തിയിരിക്കണം.

2. ടെണ്ടറുകൾ നിശ്ചിത സമയത്തു തന്നെ അപ്പോൾ ഫാജറുള്ളവരുടെ സാന്നിധ്യത്തിൽ തുറക്കുന്നതും ആയതിൽ ഏറ്റവും കുറഞ്ഞ തുക രേഖപ്പെടുത്തിയ വ്യക്തി/സ്ഥാപനത്തിന്റെ പേരിൽ ടെണ്ടർ താൽക്കാലികമായി സ്ഥിരപ്പെടുത്തുന്നതുമാണ്.
3. വിതരണ വസ്തുവിന്റെ ഗുണനിലവാരം പരിശോധിച്ച് ബോധ്യപ്പെടുന്നതിനുള്ള പൂർണ്ണ അധികാരം ഫാം സുപ്രണ്ടിൽ നിക്ഷിപ്തമാണ്.
4. ഇതുമായി ബന്ധപ്പെട്ട് ₹ 200-ന്റെ മുദ്രപത്രത്തിൽ ഒരു സമ്മതപത്രം ഫാം സുപ്രണ്ടിന് രേഖാമൂലം എഴുതി നൽകേണ്ടതാണ്.
5. ടെണ്ടർ തീയതി പൊതു അവധിയാകുന്ന പക്ഷം തൊട്ടടുത്ത പ്രവൃത്തി ദിവസം നിശ്ചിത സമയത്തു തന്നെ നടത്തുന്നതാണ്.
6. ഇതിനെപ്പറ്റിയുള്ള കൂടുതൽ വിവരങ്ങൾ എല്ലാ പ്രവൃത്തി ദിവസങ്ങളിലും ഫാം ഓഫീസിൽ നേരിട്ടോ ടെലഫോണിലൂടെയോ അറിയാവുന്നതാണ്.
7. എല്ലാ സർക്കാർ ടെണ്ടറുകൾക്കുമുള്ള നിബന്ധനകളും ഇതിനും ബാധകമാണ്.

ജില്ലാ കൃഷിത്തൊട്ടം, അഞ്ചൽ,
കോട്ടക്കൽ പി. ഒ.

(ഒപ്പ്)
സുപ്രണ്ട്.

Fire and Rescue Services Department**e-TENDER NOTICES**

(1)

No. CD1-6670/2020.

21st October 2020.

e-Tenders in two cover system are invited from competent manufacturers or their authorised dealers with adequate stock and repair capabilities for the Supply of 133 Nos. of Adult CPR Manikin as per the specifications of this department. The tender is to be submitted as e-tenders through <https://etenders.kerala.gov.in>. Since this is an e-tender, only those bidders who have enrolled in the above portal with their own Digital Signature Certificate (DSC) can participate in the tender.

e-Tender document and other details can be obtained from the above e-portal.

The tender has two parts:

1. Technical bid.
2. Financial bid (BOQ).

Tender No. with PAC—KFRS-CD-e-Tender No. 5/2020-21/SN—₹ 14.63 lakhs.

EMD—1% of PAC in online payment.

Date of Prebid Meeting—3-11-2020, 10 a.m. (through online).

Closing date and time of e-tender—23-11-2020, 4 p. m.

Last date and time of receipt of e-tender—23-11-2020, 4 p. m.

Date and time of Samples/Documents/Presentations verification—30-11-2020, 11.30 a. m.

Date and time of opening of e-Tender:

1. Technical bid—30-11-2020, 11 a. m.
2. Financial bid—1-12-2020, 11 a. m. (The date may change depending on the completion of technical evaluation).

Cost of e-Tender (online submission)—₹ 2,200 + GST @ 18% (GST shall be paid by the bidder through GST payment methods in reverse charge basis).

Date upto which the rates are to remain firm for acceptance—31-3-2021.

Security Deposit—5% of total contract amount. (To be furnished as bank guarantee of a Nationalised or Scheduled Commercial Bank by the successful bidder).

Period of supply—Within 45 days from the date of supply order.

The bidder desiring to take part in the bid shall log into <https://etenders.kerala.gov.in> and then select tender and make the payment. Bidders will be directed to the payment gateway page of the State Bank of India. There are two options—State Bank of India Net banking payment, payment through MOPS from other banks to the payment gateway of SBI.

For obtaining Digital Signature Certificate (DSC) and necessary portal enrolment bidders can visit the website <https://etenders.kerala.gov.in>

Tenders will be opened online in the presence of such tenderers or their authorized representatives who have logged in before the prescribed time of opening of technical and financial bids. If the date fixed for opening happens to be a holiday/due to internet failure, the tender will be opened in the next working day, at the same time.

The tenderer or his representative, shall be physically present at the Fire and Rescue Services Headquarters on the date prescribed with the necessary documents and presentations on all the technical aspects of the equipment and accessories for the total understanding and verification of the technical committee.

The price of the e-tender form shall be received only through online payment SBI/SBI MOPS.

The cost should be quoted in Indian Currency only.

The tender has two covers:

- Technical cover
- Financial cover

The first cover i.e. the technical cover shall be uploaded with the following documents:

1. Scanned copy of Departmental Technical Specification of the product intended to supply duly signed and stamped by the bidder.

The bidder should sign, stamp and upload the Departmental Technical Specification as such, along with the tender. Uploading the duly signed and stamped Departmental Technical Specification will be treated as the applicant is ready to supply the product as per the Departmental Technical Specification without any deviation.

In case of any deviation from the Departmental Technical Specification, the bidder shall fill and upload specification compliance statement in the following proforma, clearly marking the details of deviation. The committee will check the admissibility of the deviation mentioned by the bidder and the tender will be admitted only if the deviation proposed by the bidder is acceptable for the Departmental Technical Committee. Deviations, if any, shall be strictly marked in the Specification Compliance Statement itself. If the applicant uploaded the Specification Compliance Statement and no marking is made in the column provided for marking deviation in the statement, it will be treated as the applicant is ready to supply the product as per the Departmental Technical Specification without any deviation.

Specification Compliance Statement for Adult CPR Manikin

<i>Sl. No.</i>	<i>Detail of Departmental Technical Specification</i>	<i>Detail of the product offered</i>	<i>Deviation from Departmental Technical Specification, if any</i>

2. Scanned copy of the agreement in the prescribed format in Kerala Stamp Paper worth ₹ 200.
3. Brochure of the product intended to supply.
4. Work Experience Certificate, OEM Authorisation Letter and other relevant details (as per the requirements.)
5. Scanned copies of the declaration by the bidder on Kerala Stamp Paper worth ₹ 200 to the effect that no Vigilance Case has been charge sheeted and pending trial at Court against him/his partner/s or any of his directors in connection with fabrication/supply of similar product made earlier to this Department.

I, (Name, Address, Firm), do hereby declare that no Vigilance Case have been charge sheeted and pending trial at Court against me, any of my partner/s or any of my directors, in connection with fabrication/supply of similar product made earlier to Kerala Fire and Rescue Services Department/Government of Kerala and none of us or our firm is blacklisted by any Government agencies/PSUs in Kerala.

6. Paid Receipt of the GST of Tender Fee. (GST shall be paid by the bidder through GST payment methods in reverse charge basis).

Online Pre bid meeting

Online pre bid meeting will be held on the date and time mentioned above. Bidders can participate in the pre bid meeting through the link meet.google.com/grj-ggwy-pzi and clarify their doubts, if any. They can clarify their doubts by sending an e-Mail to hq.frs@kerala.gov.in and by contacting The Director (Technical), Fire and Rescue Services Hqrs, Thiruvananthapuram in Phone Number: 09497920101.

Tender opening and evaluation

(a) Soon after the opening of the tender, the tenderers are requested to come to the Fire and Rescue Services Headquarters with documents and presentations on all the technical aspects of the equipment and accessories for the full understanding of the Head Office Purchase Committee (Technical), on the date specified.

(b) Sample of Adult CPR manikin should be produced before the Committee for Technical Evaluation, which would be subjected to test by the departmental personnel. Technical expert of Bidder should be available for explaining all the aspects of the item.

(c) There will not be any further communications about the opening of the technical and financial bids separately. Soon on opening the technical bid of e-tenders, the committee constituted to evaluate the technical aspects, will meet and scrutinize the technical specification of equipment submitted with the e-tender.

(d) Technical expert of Bidder should be available for explaining all the aspects of the item, during the time of presentation and evaluation.

(e) During evaluation, the tenders will be first evaluated for the compliance of Departmental Technical Specification. Only those tenders which comply the Departmental Technical Specifications will be considered for subsequent financial evaluation.

(f) The financial bid belonging to those dealers/suppliers who qualified in the technical bid of the equipment as required above by Kerala Fire & Rescue Services Department alone will be considered.

(g) On finalization of technical evaluation, the second cover i.e. the financial bid of the concerned competent firm will be evaluated by the Head Office Committee (Finance) for consideration.

The bidder should upload all the supporting documents along with the Technical cover.

(h) The originals of all the required documents like Technical specification compliance statement of the product, Agreement in stamp paper worth ₹ 200. The declaration on Kerala Stamp Paper worth ₹ 200, Brouchers/Photograph of the item intended to supply, OEM Authorisation Letter and other required documents shall be produced before the undersigned soon after the Financial Bid opening.

(i) After opening the financial bid, financial evaluation will be done and the details will be uploaded in the financial evaluation field of the e-tender site, only after consultation with the DPC. The decision of the DPC shall be final on the admissibility of the tender and thereafter awarding of the contract.

(j) The right of acceptance or rejection of e-tender or cancelling the tender without assigning any reason, at any stage of tendering, is solemnly vested with the Director General, Kerala Fire and Rescue Services or a committee appointed by him.

The rules and regulations prescribed for e-tenders by the Government of Kerala/Store Purchase Manual, Government of Kerala shall be applicable to this e-tender also. If any tenderer wants any clarification on any aspect of the tender, he/she can send email to dt.frs@kerala.gov.in or fax to 0471-2337422.

Details with respect to the e-tender and the details of specifications of the item to be purchase can be obtained from the e-tender website <https://etenders.kerala.gov.in>.

Any legal dispute that may arise in relation to the e-tender formalities will be restricted to the jurisdiction of Thiruvananthapuram District Court.

TECHNICAL SPECIFICATION

1. It should have all anatomical landmarks relevant to adult CPR.
2. Should be able to perform mouth to mouth with option of noice pinching, mouth to mask and bag mask ventilation.
3. Chest rise should be with correct ventilations.
4. Should be able to mimic airway obstruction which can be relieved by Head tilt chin lower.
5. It should have realistic chest compression resistance.
6. Single manikin should perform both adult and child CPR by a selector switch.
7. There should be audible feedback about adequate chest compressions.
8. Must include disposable lung bags, and a carry bag.
9. There should be system to prevent possible infections due to multi user in training sessions.
10. AED compactible.
11. Must be CE certified.

Conditions

- | | |
|---|--|
| 1. Whether samples are essential | : Pamphlets, Photograph, etc. should be forwarded along with the tender. Samples shall be produced which may be subjected to tests by the departmental personnel. |
| 2. Period within which goods should be delivered | : Within 45 days from the date of supply order. |
| 3. Rates should be quoted including all taxes and transportation charge | : F.O.R., Thiruvananthapuram. |
| 4. Payment | : 100% payment against delivery at Thiruvananthapuram and final acceptance by an acceptance committee. |
| 5. Other Special Conditions | : <ol style="list-style-type: none"> 1. A Warranty of 12 months from the date of successful final receipt of the item. 2. EMD—1% of PAC in online payment. 3. Security deposit 5% of total contract amount to be furnished as mentioned in the Notice inviting e-Tender, which will be released after the expiry of the warrantee period. 4. Any firm whose proprietor, Partner or Director is involved in a Vigilance Case has been charge sheeted and pending trial at court in connection with fabrication/supply of similar product made earlier to this Department/Kerala Government are not eligible to participate and shall be barred from participating in this tender. 5. Any body attempting to offer bribe or otherwise influence in any manner the officials of the Kerala Fire and Rescue Services or its supervisory levels in the Government will be disqualified. 6. Tenderer must produce Manufacturers (OEM) authorization letter confirming uninterrupted supply, full compliance with tender specifications along with Technical bid. |

(2)

No. CD1-6671/2020.

21st October 2020.

e-Tenders in two cover systems are invited from competent manufacturers or their authorised dealers with adequate stock and repair capabilities for the Supply of 20 Nos. of Anti-Chocking Trainer Kit as per the specifications of this department. The tender is to be submitted as e-tenders through <https://etenders.kerala.gov.in>. Since this is an e-tender, only those bidders who have enrolled in the above portal with their own Digital Signature Certificate (DSC) can participate in the tender.

e-Tender document and other details can be obtained from the above e-portal.

The tender has two parts:

1. Technical bid.
2. Financial bid (BOQ).

Tender No. with PAC—KFRS-CD-e-Tender No. 6/2020-21/SN—₹ 4.7 lakhs.

EMD—1% of PAC in online payment.

Closing date and time of e-tender—23-11-2020, 4 p. m.

Date and time of pre bid meeting—3-11-2020, 11 a. m. (Through Online)

Last date and time of receipt of e-tender—23-11-2020, 4 p. m.

Date and time of Samples/Documents/Presentations verification—30-11-2020, 12.30 p. m.

Date and time of opening of e-Tender:

1. Technical bid—30-11-2020, 11 a. m.
2. Financial bid—1-12-2020, 11 a. m. (The date may change depending on the completion of technical evaluation).

Cost of e-Tender (online submission)—₹ 1,000 + GST @ 18% (GST shall be paid by the bidder through GST payment methods in reverse charge basis).

Date upto which the rates are to remain firm for acceptance—31-3-2021.

Security Deposit—5% of total contract amount. (To be furnished as bank guarantee of a Nationalised or Scheduled Commercial Bank by the successful bidder).

Period of supply—Within 45 days from the date of supply order.

The bidder desiring to take part in the bid shall log into <https://etenders.kerala.gov.in> and then select tender and make the payment. Bidders will be directed to the payment gateway page of the State Bank of India. There are two options—State Bank of India Net banking payment, payment through MOPS from other banks to the payment gateway of SBI.

For obtaining Digital Signature Certificate (DSC) and necessary portal enrolment bidders can visit the website <https://etenders.kerala.gov.in>

Tenders will be opened online in the presence of such tenderers or their authorized representatives who have logged in before the prescribed time of opening of technical and financial bids. If the date fixed for opening happens to be a holiday/due to internet failure, the tenders will be opened in the next working day, at the same time.

The tenderer, or his representative, shall be physically present at the Fire and Rescue Services Headquarters on the date prescribed, with the necessary documents and presentations on all the technical aspects of the equipment and accessories for the total understanding and verification of the technical committee.

The price of the e-tender form shall be received only through online payment SBI/SBI MOPS.

The cost should be quoted in Indian Currency only.

The tender has two covers:

- Technical cover
- Financial cover

The first cover i.e. the technical cover shall be uploaded with the following documents:

1. Scanned copy of Departmental Technical Specification of the product intended to supply duly signed and stamped by the bidder.

The bidder should sign, stamp and upload the Departmental Technical Specification as such, along with the tender. Uploading the duly signed and stamped Departmental Technical Specification will be treated as the applicant is ready to supply the product as per the Departmental Technical Specification without any deviation.

In case of any deviation from the Departmental Technical Specification, the bidder shall fill and upload specification compliance statement in the following proforma, clearly marking the details of deviation. The committee will check the admissibility of the deviation mentioned by the bidder and the tender will be admitted only if the deviation proposed by the bidder is acceptable for the Departmental Technical Committee. Deviations, if any, shall be strictly marked in the Specification Compliance Statement itself. If the applicant uploaded the Specification Compliance Statement and no marking is made in the column provided for marking deviation in the statement, it will be treated as the applicant is ready to supply the product as per the Departmental Technical Specification without any deviation.

Specification Compliance Statement for Anti-Chocking Trainer Kit

<i>Sl. No.</i>	<i>Detail of Departmental Technical Specification</i>	<i>Detail of the product offered</i>	<i>Deviation from Departmental Technical Specification, if any</i>

2. Scanned copy of the agreement in the prescribed format in Kerala Stamp Paper worth ₹ 200.
3. Brochure of the product intended to supply.
4. Work Experience Certificate, OEM Authorisation Letter and other relevant details (as per the requirements.)
5. Scanned copies of the declaration by the bidder on Kerala Stamp Paper worth ₹ 200 to the effect that no Vigilance Case has been charge sheeted and pending trial at Court against him/his partner/s or any of his directors in connection with fabrication/supply of similar product made earlier to this Department.

I, (Name, Address, Firm), do hereby declare that no Vigilance Case have been charge sheeted and pending trial at Court against me, any of my partner/s or any of my directors, in connection with fabrication/supply of similar product made earlier to Kerala Fire and Rescue Services Department/Government of Kerala and none of us or our firm is blacklisted by any Government agencies/PSUs in Kerala.

6. Paid Receipt of the GST of Tender Fee. (GST shall be paid by the bidder through GST payment methods in reverse charge basis).

Online Pre bid meeting

Online pre bid meeting will be held on the date and time mentioned above. Bidders can participate in the pre bid meeting through the link meet.google.com/wqv-ymvp-drt and clarify their doubts, if any. They can clarify their doubts by sending an e-Mail to hq.frs@kerala.gov.in and by contacting The Director (Technical), Fire and Rescue Services Hqrs., Thiruvananthapuram in Phone Number 09497920101.

Tender opening and evaluation

(a) Soon after the opening of the tender, the tenderers are requested to come to the Fire and Rescue Services Headquarters with documents and presentations on all the technical aspects of the equipment and accessories for the full understanding of the Head Office Purchase Committee (Technical), on the date specified.

(b) Sample of Anti-Chocking Trainer Kit should be produced before the Committee for Technical Evaluation, which would be subjected to test by the departmental personnel. Technical expert of Bidder should be available for explaining all the aspects of the item.

(c) There will not be any further communications about the opening of the technical and financial bids separately. Soon on opening the technical bid of e-tenders, the committee constituted to evaluate the technical aspects, will meet and scrutinize the technical specification of equipment submitted with the e-tender.

(d) Technical expert of Bidder should be available for explaining all the aspects of the item, during the time of presentation and evaluation.

(e) During evaluation, the tenders will be first evaluated for the compliance of Departmental Technical Specification. Only those tenders which comply the Departmental Technical Specifications will be considered for subsequent financial evaluation.

(f) The financial bid belonging to those dealers/suppliers who qualified in the technical bid of the equipment as required above by Kerala Fire & Rescue Services Department alone will be considered.

(g) On finalization of technical evaluation, the second cover i.e. the financial bid of the concerned competent firm will be evaluated by the Head Office Committee (Finance) for consideration.

The bidder should upload all the supporting documents along with the Technical cover.

(h) The originals of all the required documents like Technical specification compliance statement of the product, Agreement in stamp paper worth ₹ 200, The declaration on Kerala Stamp Paper worth ₹ 200, Brouchers/Photograph of the item intended to supply, OEM Authorisation Letter and other required documents shall be produced before the undersigned soon after the Financial Bid opening.

(i) After opening the financial bid, financial evaluation will be done and the details will be uploaded in the financial evaluation field of the e-tender site, only after consultation with the DPC. The decision of the DPC shall be final on the admissibility of the tender and thereafter awarding of the contract.

(j) The right of acceptance or rejection of e-tender or cancelling the tender without assigning any reason, at any stage of tendering, is solemnly vested with the Director General, Kerala Fire and Rescue Services or a committee appointed by him.

The rules and regulations prescribed for e-tenders by the Government of Kerala/Store Purchase Manual, Government of Kerala shall be applicable to this e-tender also. If any tenderer wants any clarification on any aspect of the tender, he/she can send email to dt.frs@kerala.gov.in or fax to 0471-2337422.

Details with respect to the e-tender and the details of specifications of the item to be purchase can be obtained from the e-tender website <https://etenders.kerala.gov.in>.

Any legal dispute that may arise in relation to the e-tender formalities will be restricted to the jurisdiction of Thiruvananthapuram District Court.

TECHNICAL SPECIFICATION

1. Able to be worn by trainers in a classroom.
2. Should include air bladder, choking objects, adjustable shoulder straps, carry bag.
3. Durable and washable.
4. Must be CE certified.

Conditions

- | | |
|---|---|
| 1. Whether samples are essential | : Pamphlets, Photograph, etc. should be forwarded along with the tender. Samples shall be produced which may be subjected to tests by the departmental personnel. |
| 2. Period within which goods should be delivered | : Within 45 days from the date of supply order. |
| 3. Rates should be quoted including all taxes and transportation charge | : F.O.R., Thiruvananthapuram. |
| 4. Payment | : 100% payment against delivery at Thiruvananthapuram and final acceptance by an acceptance committee. |

5. Other Special Conditions

- : 1. A Warranty of 12 months from the date of successful final receipt of the item.
2. EMD—1% of PAC in online payment.
3. Security deposit 5% of total contract amount to be furnished as mentioned in the Notice inviting e-Tender, which will be released after the expiry of the warrantee period.
4. Any firm whose proprietor, Partner or Director is involved in a Vigilance Case has been charge sheeted and pending trial at court in connection with fabrication/supply of similar product made earlier to this Department/Kerala Government are not eligible to participate and shall be barred from participating in this tender.
5. Anybody attempting to offer bribe or otherwise influence in any manner the officials of the Kerala Fire and Rescue Services or its supervisory levels in the Government will be disqualified.
6. Tenderer must produce Manufacturers (OEM) authorization letter confirming uninterrupted supply, full compliance with tender specifications along with Technical bid.

(3)

No. CD1-6673/2020.

21st October 2020.

e-Tenders in two cover systems are invited from competent manufacturers or their authorised dealers with adequate stock and repair capabilities for the Supply of 146 Nos. of Blankets as per the specifications of this department. The tender is to be submitted as e-tenders through <https://etenders.kerala.gov.in>. Since this is an e-tender, only those bidders who have enrolled in the above portal with their own Digital Signature Certificate (DSC) can participate in the tender.

e-Tender document and other details can be obtained from the above e-portal.

The tender has two parts:

1. Technical bid.
2. Financial bid (BOQ).

Tender No. with PAC—KFRS-CD-e-Tender No. 8/2020-21/SN—₹ 1.825 lakhs.

EMD—1% of PAC in online payment.

Closing date and time of e-tender—26-11-2020, 4 p. m.

Last date and time of receipt of e-tender—26-11-2020, 4 p. m.

Date and time of Samples/Documents/Presentations verification—1-12-2020, 11.30 a. m.

Date of prebid meeting—6-11-2020, 10 a.m. (through online)

Date and time of opening of e-Tender:

1. Technical bid—1-12-2020, 11 a. m.
2. Financial bid—2-12-2020, 11 a. m. (The date may change depending on the completion of technical evaluation).

Cost of e-Tender (online submission)—₹ 400 + GST @ 18% (GST shall be paid by the bidder through GST payment methods in reverse charge basis).

Date upto which the rates are to remain firm for acceptance—31-3-2021.

Security Deposit—5% of total contract amount. (To be furnished as bank guarantee of a Nationalised or Scheduled Commercial Bank by the successful bidder).

Period of supply—Within 60 days from the date of supply order.

The bidder desiring to take part in the bid shall log into <https://etenders.kerala.gov.in> and then select tender and make the payment. Bidders will be directed to the payment gateway page of the State Bank of India. There are two options—State Bank of India Net banking payment, payment through MOPS from other banks to the payment gateway of SBI.

For obtaining Digital Signature Certificate (DSC) and necessary portal enrolment bidders can visit the website <https://etenders.kerala.gov.in>

Tenders will be opened online in the presence of such tenderers or their authorized representatives who have logged in before the prescribed time of opening of technical and financial bids. If the date fixed for opening happens to be a holiday/due to internet failure, the tender will be opened in the next working day, at the same time.

The tenderer, or his representative, shall be physically present at the Fire and Rescue Services Headquarters on the date prescribed, with the necessary documents and presentations on all the technical aspects of the equipment and accessories for the total understanding and verification of the technical committee.

The price of the e-tender form shall be received only through online payment SBI/SBI MOPS.

The cost should be quoted in Indian Currency only.

The tender has two covers:

- Technical cover
- Financial cover

The first cover i.e. the technical cover shall be uploaded with the following document:

1. Scanned copy of Departmental Technical Specification of the product intended to supply duly signed and stamped by the bidder.

The bidder should sign, stamp and upload the Departmental Technical Specification as such, along with the tender. Uploading the duly signed and stamped Departmental Technical Specification will be treated as the applicant is ready to supply the product as per the Departmental Technical Specification without any deviation.

In case of any deviation from the Departmental Technical Specification, the bidder shall fill and upload specification compliance statement in the following proforma, clearly marking the details of deviation. The committee will check the admissibility of the deviation mentioned by the bidder and the tender will be admitted only if the deviation proposed by the bidder is acceptable for the Departmental Technical Committee. Deviations, if any, shall be strictly marked in the Specification Compliance Statement itself. If the applicant uploaded the Specification Compliance Statement and no marking is made in the column provided for marking deviation in the statement, it will be treated as the applicant is ready to supply the product as per the Departmental Technical Specification without any deviation.

Specification Compliance Statement for Blankets

<i>Sl. No.</i>	<i>Detail of Departmental Technical Specification</i>	<i>Detail of the product offered</i>	<i>Deviation from Departmental Technical Specification, if any</i>

2. Scanned copy of the agreement in the prescribed format in Kerala Stamp Paper worth ₹ 200.
3. Brochure of the product intended to supply.
4. Work Experience Certificate, OEM Authorisation Letter and other relevant details (as per the requirements.)
5. Scanned copies of the declaration by the bidder on Kerala Stamp Paper worth ₹ 200 to the effect that no Vigilance Case has been charge sheeted and pending trial at Court against him/his partner/s or any of his directors in connection with fabrication/supply of similar product made earlier to this Department.

I, (Name, Address, Firm), do hereby declare that no Vigilance Case have been charge sheeted and pending trial at Court against me, any of my partner/s or any of my directors, in connection with fabrication/supply of similar product made earlier to Kerala Fire and Rescue Services Department/Government of Kerala and none of us or our firm is blacklisted by any Government agencies/PSUs in Kerala.

6. Paid Receipt of the GST of Tender Fee. (GST shall be paid by the bidder through GST payment methods in reverse charge basis).

Online Pre bid meeting

Online pre bid meeting will be held on the date and time mentioned above. Bidders can participate in the pre bid meeting through the link meet.google.com/ivv-urwo-rqq and clarify their doubts, if any. They can clarify their doubts by sending an e-Mail to hq.frs@kerala.gov.in and by contacting The Director (Technical), Fire and Rescue Services Hqrs., Thiruvananthapuram in Phone Number: 09497920101.

Tender opening and evaluation

(a) Soon after the opening of the tender, the tenderers are requested to come to the Fire and Rescue Services Headquarters with documents and presentations on all the technical aspects of the equipment and accessories for the full understanding of the Head Office Purchase Committee (Technical), on the date specified.

(b) Sample of blanket should be produced before the Committee for Technical Evaluation, which would be subjected to test by the departmental personnel. Technical expert of Bidder should be available for explaining all the aspects of the item.

(c) There will not be any further communications about the opening of the technical and financial bids separately. Soon on opening the technical bid of e-tenders, the committee constituted to evaluate the technical aspects, will meet and scrutinize the technical specification of equipment submitted with the e-tender.

(d) Technical expert of Bidder should be available for explaining all the aspects of the item, during the time of presentation and evaluation.

(e) During evaluation, the tenders will be first evaluated for the compliance of Departmental Technical Specification. Only those tenders which comply the Departmental Technical Specifications will be considered for subsequent financial evaluation.

(f) The financial bid belonging to those dealers/suppliers who qualified in the technical bid of the equipment as required above by Kerala Fire & Rescue Services Department alone will be considered.

(g) On finalization of technical evaluation, the second cover i.e. the financial bid of the concerned competent firm will be evaluated by the Head Office Committee (Finance) for consideration.

The bidder should upload all the supporting documents along with the Technical cover.

(h) The originals of all the required documents like Technical specification compliance statement of the product, Agreement in stamp paper worth ₹ 200, The declaration on Kerala Stamp Paper worth ₹ 200, Brouchers/Photograph of the item intended to supply, OEM Authorisation Letter and other required documents shall be produced before the undersigned soon after the Financial Bid opening.

(i) After opening the financial bid, financial evaluation will be done and the details will be uploaded in the financial evaluation field of the e-tender site, only after consultation with the DPC. The decision of the DPC shall be final on the admissibility of the tender and thereafter awarding of the contract.

(j) The right of acceptance or rejection of e-tender or cancelling the tender without assigning any reason, at any stage of tendering, is solemnly vested with the Director General, Kerala Fire and Rescue Services or a committee appointed by him.

The rules and regulations prescribed for e-tenders by the Government of Kerala/Store Purchase Manual, Government of Kerala shall be applicable to this e-tender also. If any tenderer wants any clarification on any aspect of the tender, he/she can send email to dt.frs@kerala.gov.in or fax to 0471-2337422.

Details with respect to the e-tender and the details of specifications of the item to be purchase can be obtained from the e-tender website <https://etenders.kerala.gov.in>.

Any legal dispute that may arise in relation to the e-tender formalities will be restricted to the jurisdiction of Thiruvananthapuram District Court.

TECHNICAL SPECIFICATION

1. Material—Woollen
2. Size—5'× 7'
3. Weight not less than 1 Kg.

Conditions

- | | |
|---|---|
| 1. Whether samples are essential | : Pamphlets, Photograph, etc. should be forwarded along with the tender. Samples shall be produced which may be subjected to tests by the departmental personnel. |
| 2. Period within which goods should be delivered | : Within 60 days from the date of supply order. |
| 3. Rates should be quoted including all taxes and transportation charge | : F.O.R., Thiruvananthapuram. |
| 4. Payment | : 100% payment against delivery at Thiruvananthapuram and final acceptance by an acceptance committee. |
| 5. Other Special Conditions | : 1. A Warranty of 6 months from the date of successful final receipt of the item.
2. EMD—1% of PAC in online payment.
3. Security deposit 5% of total contract amount to be furnished as mentioned in the Notice inviting e-Tender, which will be released after the expiry of the warrantee period.
4. Any firm whose proprietor, Partner or Director is involved in a Vigilance Case has been charge sheeted and pending trial at court in connection with fabrication/supply of similar product made earlier to this Department/Kerala Government are not eligible to participate and shall be barred from participating in this tender.
5. Any body attempting to offer bribe or otherwise influence in any manner the officials of the Kerala Fire and Rescue Services or its supervisory levels in the Government will be disqualified.
6. Tenderer must produce Manufacturers (OEM) authorization letter confirming uninterrupted supply, full compliance with tender specifications along with Technical bid. |

(4)

No. CD1-6665/2020.

23rd October 2020.

e-Tenders in two cover systems are invited from competent manufacturers or their authorised dealers with adequate stock and repair capabilities for the Supply of 6900 Nos. of T-Shirts and Lower as per the specifications of this department. The tender is to be submitted as e-tenders through <https://etenders.kerala.gov.in>. Since this is an e-tender, only those bidders who have enrolled in the above portal with their own Digital Signature Certificate (DSC) can participate in the tender.

e-Tender document and other details can be obtained from the above e-portal.

The tender has two parts:

1. Technical bid.
2. Financial bid (BOQ).

Tender No. with PAC—KFRS-CD-e-Tender No. 12/2020-21/SN—₹ 34.5 lakhs.

EMD—1% of PAC in online payment.

Closing date and time of e-tender—30-11-2020, 4 p. m.

Last date and time of receipt of e-tender—30-11-2020, 4 p. m.

Date and time of Samples/Documents/Presentations verification—4-12-2020, 2.30 p. m.

Date and time of prebid meeting—9-11-2020, 12 p.m. (through online)

Date and time of opening of e-Tender:

1. Technical bid—4-12-2020, 11 a. m.
2. Financial bid—5-12-2020, 11 a. m. (The date may change depending on the completion of technical evaluation).

Cost of e-Tender (online submission)—₹ 5,200 + GST @ 18% (GST shall be paid by the bidder through GST payment methods in reverse charge basis).

Date upto which the rates are to remain firm for acceptance—31-3-2021.

Security Deposit—5% of total contract amount. (To be furnished as bank guarantee of a Nationalised or Scheduled Commercial Bank by the successful bidder).

Period of supply—Within 60 days from the date of supply order.

The bidder desiring to take part in the bid shall log into <https://etenders.kerala.gov.in> and then select tender and make the payment. Bidders will be directed to the payment gateway page of the State Bank of India. There are two options—State Bank of India Net banking payment, payment through MOPS from other banks to the payment gateway of SBI.

For obtaining Digital Signature Certificate (DSC) and necessary portal enrollment bidders can visit the website <https://etenders.kerala.gov.in>

Tenders will be opened online in the presence of such tenderers or their authorized representatives who have logged in before the prescribed time of opening of technical and financial bids. If the date fixed for opening happens to be a holiday/due to internet failure, the tender will be opened in the next working day, at the same time.

The tenderer, or his representative, shall be physically present at the Fire and Rescue Services Headquarters on the date prescribed, with the necessary documents and presentations on all the technical aspects of the equipment and accessories for the total understanding and verification of the technical committee.

The price of the e-tender form shall be received only through online payment SBI/SBI MOPS.

The cost should be quoted in Indian Currency only.

The tender has two covers:

- Technical cover
- Financial cover

The first cover i.e. the technical cover shall be uploaded with the following document:

1. Scanned copy of Departmental Technical Specification of the product intended to supply duly signed and stamped by the bidder.

The bidder should sign, stamp and upload the Departmental Technical Specification as such, along with the tender. Uploading the duly signed and stamped Departmental Technical Specification will be treated as the applicant is ready to supply the product as per the Departmental Technical Specification without any deviation.

In case of any deviation from the Departmental Technical Specification, the bidder shall fill and upload specification compliance statement in the following proforma, clearly marking the details of deviation. The committee will check the admissibility of the deviation mentioned by the bidder and the tender will be admitted only if the deviation proposed by the bidder is acceptable for the Departmental Technical Committee. Deviations, if any, shall be strictly marked in the Specification Compliance Statement itself. If the applicant uploaded the Specification Compliance Statement and no marking is made in the column provided for marking deviation in the statement, it will be treated as the applicant is ready to supply the product as per the Departmental Technical Specification without any deviation.

Specification Compliance Statement for T-Shirts and Lower

<i>Sl. No.</i>	<i>Detail of Departmental Technical Specification</i>	<i>Detail of the product offered</i>	<i>Deviation from Departmental Technical Specification, if any</i>

2. Scanned copy of the agreement in the prescribed format in Kerala Stamp Paper worth ₹ 200.
3. Brochure of the product intended to supply.
4. Work Experience Certificate, OEM Authorisation Letter and other relevant details (as per the requirements).
5. Scanned copies of the declaration by the bidder on Kerala Stamp Paper worth ₹ 200 to the effect that no Vigilance Case has been charge sheeted and pending trial at Court against him/his partner/s or any of his directors in connection with fabrication/supply of similar product made earlier to this Department.

I, (Name, Address, Firm), do hereby declare that no Vigilance Case have been charge sheeted and pending trial at Court against me, any of my partner/s or any of my directors, in connection with fabrication/supply of similar product made earlier to Kerala Fire and Rescue Services Department/Government of Kerala and none of us or our firm is blacklisted by any Government agencies/PSUs in Kerala.

6. Paid Receipt of the GST of Tender Fee. (GST shall be paid by the bidder through GST payment methods in reverse charge basis).

Online Pre bid meeting

Online pre bid meeting will be held on the date and time mentioned above. Bidders can participate in the pre bid meeting through the link meet.google.com/ruk-huou-dnt and clarify their doubts, if any. They can clarify their doubts by sending an e-Mail to hq.frs@kerala.gov.in and by contacting The Director (Technical), Fire and Rescue Services Hqrs., Thiruvananthapuram in Phone Number 09497920101.

Tender opening and evaluation

(a) Soon after the opening of the tender, the tenderers are requested to come to the Fire and Rescue Services Headquarters with documents and presentations on all the technical aspects of the equipment and accessories for the full understanding of the Head Office Purchase Committee (Technical), on the date specified.

(b) Sample of T-Shirts and Lower should be produced before the Committee for Technical Evaluation, which would be subjected to test by the departmental personnel. Technical expert of Bidder should be available for explaining all the aspects of the item.

(c) There will not be any further communications about the opening of the technical and financial bids separately. Soon on opening the technical bid of e-tenders, the committee constituted to evaluate the technical aspects, will meet and scrutinize the technical specification of equipment submitted with the e-tender.

(d) Technical expert of Bidder should be available for explaining all the aspects of the item, during the time of presentation and evaluation.

(e) During evaluation, the tenders will be first evaluated for the compliance of Departmental Technical Specification. Only those tenders which comply the Departmental Technical Specifications will be considered for subsequent financial evaluation.

(f) The financial bid belonging to those dealers/suppliers who qualified in the technical bid of the equipment as required above by Kerala Fire & Rescue Services Department alone will be considered.

(g) On finalization of technical evaluation, the second cover i.e. the financial bid of the concerned competent firm will be evaluated by the Head Office Committee (Finance) for consideration.

The bidder should upload all the supporting documents along with the Technical cover.

(h) The originals of all the required documents like Technical specification compliance statement of the product, Agreement in stamp paper worth ₹ 200, The declaration on Kerala Stamp Paper worth ₹ 200, Brouchers/Photograph of the item intended to supply, OEM Authorisation Letter and other required documents shall be produced before the undersigned soon after the Financial Bid opening.

(i) After opening the financial bid, financial evaluation will be done and the details will be uploaded in the financial evaluation field of the e-tender site, only after consultation with the DPC. The decision of the DPC shall be final on the admissibility of the tender and thereafter awarding of the contract.

(j) The right of acceptance or rejection of e-tender or cancelling the tender without assigning any reason, at any stage of tendering, is solemnly vested with the Director General, Kerala Fire and Rescue Services or a committee appointed by him.

The rules and regulations prescribed for e-tenders by the Government of Kerala/Store Purchase Manual, Government of Kerala shall be applicable to this e-tender also. If any tenderer wants any clarification on any aspect of the tender, he/she can send email to dt.frs@kerala.gov.in or fax to 0471-2337422.

Details with respect to the e-tender and the details of specifications of the item to be purchase can be obtained from the e-tender website <https://etenders.kerala.gov.in>.

Any legal dispute that may arise in relation to the e-tender formalities will be restricted to the jurisdiction of Thiruvananthapuram District Court.

TECHNICAL SPECIFICATION

T-Shirt

Half Sleeve

Material—Honey Comb (GSM-200-210) Colour-Meroon

Size required —36", 38", 40", 42", 44"

The stitching should be interlocking type

Collar and Hand cuff-Micro cloth elastic rib

- Collar Colour- Fluroscent Orange
- Chest button-2 nos (Black Colour)

Stripes of 1/2inch width of Fluroscent Orange colour at Both sides (front and back)approximately at a distance of 4-5 inches from both sides upto hand cuff placed symmetrically

The T-Shirt should be

- Puff printed as CIVIL DEFENCE at the front side with capital letters in Calibri Font as in the design
- Puff printed as KERALA FIRE AND RESCUE SERVICES, CIVIL DEFENCE at the back side with capital letters in Calibri Font as in the design
- The colour of the font preferably be white
- Size of the font shall be fixed after sample approval

Multi-coloured emblem embroidered on left and right chest

- Right chest- Kerala Civil Defence Emblem
- Left chest- Kerala Fire and Rescue Service Emblem
- The emblems should lie within the stripe

The workmanship should be fine.

The design of the T-Shirt is attached



Lower

Material-Super Poly with outer side polyester with spun/fleece material to the inner side (GSM-210-220)

Colour-Black

Size required -36", 38", 40", 42", 44"

2 pockets each on both sides and with zip provided for the right pocket.

The stitching should be interlocking type

The waist with 1.5 inch elastic band with 3 stitches

Provision for lace to tie

1-1.5 inch Fluorescent Orange strip on both outer sides of the Lower running from top to bottom

A fleet should be provided at the front side on both legs .

The workmanship should be fine.

The design of the Lower is attached



Conditions

- | | |
|---|---|
| 1. Whether samples are essential | : Pamphlets, Photograph, etc. should be forwarded along with the tender. Samples shall be produced which may be subjected to tests by the departmental personnel. |
| 2. Period within which goods should be delivered | : Within 60 days from the date of supply order. |
| 3. Rates should be quoted including all taxes and transportation charge | : F.O.R., Thiruvananthapuram. |
| 4. Payment | : 100% payment against delivery at Thiruvananthapuram and final acceptance by an acceptance committee. |
| 5. Other Special Conditions | : <ol style="list-style-type: none"> 1. A Warranty of 6 months from the date of successful final receipt of the item. 2. EMD—1% of PAC in online payment. 3. Security deposit 5% of total contract amount to be furnished as mentioned in the Notice inviting e-Tender, which will be released after the expiry of the warrantee period. 4. Any firm whose proprietor, Partner or Director is involved in a Vigilance Case has been charge sheeted and pending trial at court in connection with fabrication/supply of similar product made earlier to this Department/Kerala Government are not eligible to participate and shall be barred from participating in this tender. 5. Any body attempting to offer bribe or otherwise influence in any manner the officials of the Kerala Fire and Rescue Services or its supervisory levels in the Government will be disqualified. 6. Tenderer must produce Manufacturers (OEM) authorization letter confirming uninterrupted supply, full compliance with tender specifications along with Technical bid. |

(5)

No. CD1-6674/2020.

23rd October 2020.

e-Tenders in two cover system are invited from competent manufacturers or their authorised dealers with adequate stock and repair capabilities for the Supply of 20 Nos. of Projectors as per the specifications of this department. The tender is to be submitted as e-tenders through <https://etenders.kerala.gov.in>. Since this is an e-tender, only those bidders who have enrolled in the above portal with their own Digital Signature Certificate (DSC) can participate in the tender.

e-Tender document and other details can be obtained from the above e-portal.

The tender has two parts:

1. Technical bid.
2. Financial bid (BOQ).

Tender No. with PAC—KFRS-CD-e-Tender No. 9/2020-21/SN—₹ 8 lakhs.

EMD—1% of PAC in online payment.

Closing date and time of e-tender—26-11-2020, 4 p. m.

Last date and time of receipt of e-tender—26-11-2020, 4 p. m.

Date and time of Samples/Documents/Presentations verification—1-12-2020, 12.30 p. m.

Date of prebid meeting—6-11-2020, 11 a.m. (through online)

Date and time of opening of e-Tender:

1. Technical bid—1-12-2020, 11 a. m.
2. Financial bid—2-12-2020, 11 a. m. (The date may change depending on the completion of technical evaluation).

Cost of e-Tender (online submission)—₹ 1,500 + GST @ 18% (GST shall be paid by the bidder through GST payment methods in reverse charge basis).

Date upto which the rates are to remain firm for acceptance—31-3-2021.

Security Deposit—5% of total contract amount (To be furnished as bank guarantee of a Nationalised or Scheduled Commercial Bank by the successful bidder).

Period of supply—Within 60 days from the date of supply order.

The bidder desiring to take part in the bid shall log into <https://etenders.kerala.gov.in> and then select tender and make the payment. Bidders will be directed to the payment gateway page of the State Bank of India. There are two options—State Bank of India Net banking payment, payment through MOPS from other banks to the payment gateway of SBI.

For obtaining Digital Signature Certificate (DSC) and necessary portal enrolment bidders can visit the website <https://etenders.kerala.gov.in>

Tenders will be opened online in the presence of such tenderers or their authorized representatives who have logged in before the prescribed time of opening of technical and financial bids. If the date fixed for opening happens to be a holiday/due to internet failure, the tenders will be opened in the next working day, at the same time.

The tenderer, or his representative, shall be physically present at the Fire and Rescue Services Headquarters on the date prescribed, with the necessary documents and presentations on all the technical aspects of the equipment and accessories for the total understanding and verification of the technical committee.

The price of the e-tender form shall be received only through online payment SBI/SBI MOPS.

The cost should be quoted in Indian Currency only.

The tender has two covers:

- Technical cover
- Financial cover

The first cover i.e. the technical cover shall be uploaded with the following documents:

1. Scanned copy of Departmental Technical Specification of the product intended to supply duly signed and stamped by the bidder.

The bidder should sign, stamp and upload the Departmental Technical Specification as such, along with the tender. Uploading the duly signed and stamped Departmental Technical Specification will be treated as the applicant is ready to supply the product as per the Departmental Technical Specification without any deviation.

In case of any deviation from the Departmental Technical Specification, the bidder shall fill and upload specification compliance statement in the following proforma, clearly marking the details of deviation. The committee will check the admissibility of the deviation mentioned by the bidder and the tender will be admitted only if the deviation proposed by the bidder is acceptable for the Departmental Technical Committee. Deviations, if any, shall be strictly marked in the Specification Compliance Statement itself. If the applicant uploaded the Specification Compliance Statement and no marking is made in the column provided for marking deviation in the statement, it will be treated as the applicant is ready to supply the product as per the Departmental Technical Specification without any deviation.

Specification Compliance Statement for Projector

<i>Sl. No.</i>	<i>Detail of Departmental Technical Specification</i>	<i>Detail of the product offered</i>	<i>Deviation from Departmental Technical Specification, if any</i>

2. Scanned copy of the agreement in the prescribed format in Kerala Stamp Paper worth ₹ 200.
3. Brochure of the product intended to supply.
4. Work Experience Certificate, OEM Authorisation Letter and other relevant details (as per the requirements.)
5. Scanned copies of the declaration by the bidder on Kerala Stamp Paper worth ₹ 200 to the effect that no Vigilance Case has been charge sheeted and pending trial at Court against him/his partner/s or any of his directors in connection with fabrication/supply of similar product made earlier to this Department.

I, (Name, Address, Firm), do hereby declare that no Vigilance Case have been charge sheeted and pending trial at Court against me, any of my partner/s or any of my directors, in connection with fabrication/supply of similar product made earlier to Kerala Fire and Rescue Services Department/Government of Kerala and none of us or our firm is blacklisted by any Government agencies/PSUs in Kerala.

6. Paid Receipt of the GST of Tender Fee. (GST shall be paid by the bidder through GST payment methods in reverse charge basis).

Online Pre bid meeting

Online pre bid meeting will be held on the date and time mentioned above. Bidders can participate in the pre bid meeting through the link meet.google.com/cwr-ihbu-wkk and clarify their doubts, if any. They can clarify their doubts by sending an e-Mail to hq.frs@kerala.gov.in and by contacting The Director (Technical), Fire and Rescue Services Hqrs., Thiruvananthapuram in Phone Number 09497920101.

Tender opening and evaluation

(a) Soon after the opening of the tender, the tenderers are requested to come to the Fire and Rescue Services Headquarters with documents and presentations on all the technical aspects of the equipment and accessories for the full understanding of the Head Office Purchase Committee (Technical), on the date specified.

(b) Sample of Projector should be produced before the Committee for Technical Evaluation, which would be subjected to test by the departmental personnel. Technical expert of Bidder should be available for explaining all the aspects of the item.

(c) There will not be any further communications about the opening of the technical and financial bids separately. Soon on opening the technical bid of e-tenders, the committee constituted to evaluate the technical aspects, will meet and scrutinize the technical specification of equipment submitted with the e-tender.

(d) Technical expert of Bidder should be available for explaining all the aspects of the item, during the time of presentation and evaluation.

(e) During evaluation, the tenders will be first evaluated for the compliance of Departmental Technical Specification. Only those tenders which comply the Departmental Technical Specifications will be considered for subsequent financial evaluation.

(f) The financial bid belonging to those dealers/suppliers who qualified in the technical bid of the equipment as required above by Kerala Fire & Rescue Services Department alone will be considered.

(g) On finalization of technical evaluation, the second cover i.e. the financial bid of the concerned competent firm will be evaluated by the Head Office Committee (Finance) for consideration.

The bidder should upload all the supporting documents along with the Technical cover.

(h) The originals of all the required documents like Technical specification compliance statement of the product, Agreement in stamp paper worth ₹ 200, The declaration on Kerala Stamp Paper worth ₹ 200, Brouchers/Photograph of the item intended to supply, OEM Authorisation Letter and other required documents shall be produced before the undersigned soon after the Financial Bid opening.

(i) After opening the financial bid, financial evaluation will be done and the details will be uploaded in the financial evaluation field of the e-tender site, only after consultation with the DPC. The decision of the DPC shall be final on the admissibility of the tender and thereafter awarding of the contract.

(j) The right of acceptance or rejection of e-tender or cancelling the tender without assigning any reason, at any stage of tendering, is solemnly vested with the Director General, Kerala Fire and Rescue Services or a committee appointed by him.

The rules and regulations prescribed for e-tenders by the Government of Kerala/Store Purchase Manual, Government of Kerala shall be applicable to this e-tender also. If any tenderer wants any clarification on any aspect of the tender, he/she can send email to dt.frs@kerala.gov.in or fax to 0471-2337422.

Details with respect to the e-tender and the details of specifications of the item to be purchase can be obtained from the e-tender website <https://etenders.kerala.gov.in>.

Any legal dispute that may arise in relation to the e-tender formalities will be restricted to the jurisdiction of Thiruvananthapuram District Court.

TECHNICAL SPECIFICATION OF PROJECTOR WITH SCREEN, POINTER AND WIFI DONGLE

1. White and Colour Brightness 3,300 lm
2. HDMI port
3. Exhaust hot gas not affecting the veiwers
4. SVGA resolution.
5. Power Supply Voltage: 100 - 240 V AC \pm 10% , 50/60 Hz
6. High contrast ratio of 15,000:1
7. Not less than 10,000 hours lamp life in eco-mode and not less than 6000 hours in normal mode
8. Tripod screen with 8'x6'
9. Wifi dongle to be provided with
10. Laser pointer to be provided along with
11. Remote, and other accessories along with
12. Not less than 3 years of warranty for the unit
13. Weight not more than 3 kg
14. Supplied with a carrying case
15. Manufacturer shall be an ISO 9001 certified
16. Preferred make-Epson/Philips/Sharp/Benq/Sony/equivalent

Conditions

1. Whether samples are essential : Pamphlets, Photograph, etc. should be forwarded along with the tender. Samples shall be produced which may be subjected to tests by the departmental personnel.
2. Period within which goods should be delivered : Within 60 days from the date of supply order.
3. Rates should be quoted including all taxes and transportation charge : F.O.R., Thiruvananthapuram.
4. Payment : 100% payment against delivery at Thiruvananthapuram and final acceptance by an acceptance committee.
5. Other Special Conditions :
 1. A Warranty of 12 months from the date of successful final receipt of the item.
 2. EMD—1% of PAC in online payment.
 3. Security deposit 5% of total contract amount to be furnished as mentioned in the Notice inviting e-Tender, which will be released after the expiry of the warrantee period.
 4. Any firm whose proprietor, Partner or Director is involved in a Vigilance Case has been charge sheeted and pending trial at court in connection with fabrication/supply of similar product made earlier to this Department/Kerala Government are not eligible to participate and shall be barred from participating in this tender.
 5. Any body attempting to offer bribe or otherwise influence in any manner the officials of the Kerala Fire and Rescue Services or its supervisory levels in the Government will be disqualified.
 6. Tenderer must produce Manufacturers (OEM) authorization letter confirming uninterrupted supply, full compliance with tender specifications along with Technical bid.

(6)

No. CD1-6675/2020.

23rd October 2020.

e-Tenders in two cover systems are invited from competent manufacturers or their authorised dealers with adequate stock and repair capabilities for the Supply of 21 Nos. of Portable Speaker System as per the specifications of this department. The tender is to be submitted as e-tenders through <https://etenders.kerala.gov.in>. Since this is an e-tender, only those bidders who have enrolled in the above portal with their own Digital Signature Certificate (DSC) can participate in the tender.

e-Tender document and other details can be obtained from the above e-portal.

The tender has two parts:

1. Technical bid.
2. Financial bid (BOQ).

Tender No. with PAC—KFRS-CD-e-Tender No. 10/2020-21/SN—₹ 4.2 lakhs.

EMD—1% of PAC in online payment.

Date and time of Prebid Meeting—6-11-2020, 12 p.m. (Through online).

Closing date and time of e-tender—26-11-2020, 4 p. m.

Last date and time of receipt of e-tender—26-11-2020, 2.30 p. m.

Date and time of Samples/Documents/Presentations verification—1-12-2020, 2.30 p. m.

Date and time of opening of e-Tender:

1. Technical bid—1-12-2020, 11 a. m.
2. Financial bid—2-12-2020, 11 a. m. (The date may change depending on the completion of technical evaluation).

Cost of e-Tender (online submission)—₹ 900 + GST @ 18% (GST shall be paid by the bidder through GST payment methods in reverse charge basis).

Date upto which the rates are to remain firm for acceptance—31-3-2021.

Security Deposit—5% of total contract amount. (To be furnished as Bank guarantee of a Nationalised or Scheduled Commercial Bank by the successful bidder).

Period of supply—Within 60 days from the date of supply order.

The bidder desiring to take part in the bid shall log into <https://etenders.kerala.gov.in> and then select tender and make the payment. Bidders will be directed to the payment gateway page of the State Bank of India. There are two options—State Bank of India Net Banking payment, payment through MOPS from other banks to the payment gateway of SBI.

For obtaining Digital Signature Certificate (DSC) and necessary portal enrolment bidders can visit the website <https://etenders.kerala.gov.in>.

Tenders will be opened online in the presence of such tenderers or their authorized representatives who have logged in before the prescribed time of opening of technical and financial bids. If the date fixed for opening happens to be a holiday/due to internet failure, the tender will be opened in the next working day, at the same time.

The tenderer, or his representative, shall be physically present at the Fire and Rescue Services Headquarters on the date prescribed, with the necessary documents and presentations on all the technical aspects of the equipment and accessories for the total understanding and verification of the technical committee.

The price of the e-tender form shall be received only through online payment SBI/SBI MOPS.

The cost should be quoted in Indian Currency only.

The tender has two covers:

- Technical cover
- Financial cover

The first cover i.e. the technical cover shall be uploaded with the following document:

1. Scanned copy of Departmental Technical Specification of the product intended to supply duly signed and stamped by the bidder.

The bidder should sign, stamp and upload the Departmental Technical Specification as such, along with the tender. Uploading the duly signed and stamped Departmental Technical Specification will be treated as the applicant is ready to supply the product as per the Departmental Technical Specification without any deviation.

In case of any deviation from the Departmental Technical Specification, the bidder shall fill and upload specification compliance statement in the following proforma, clearly marking the details of deviation. The committee will check the admissibility of the deviation mentioned by the bidder and the tender will be admitted only if the deviation proposed by the bidder is acceptable for the Departmental Technical Committee. Deviations, if any, shall be strictly marked in the Specification Compliance Statement itself. If the applicant uploaded the Specification Compliance Statement and no marking is made in the column provided for marking deviation in the statement, it will be treated as the applicant is ready to supply the product as per the Departmental Technical Specification without any deviation.

Specification Compliance Statement for Portable Speaker System

<i>Sl. No.</i>	<i>Detail of Departmental Technical Specification</i>	<i>Detail of the product offered</i>	<i>Deviation from Departmental Technical Specification, if any</i>

2. Scanned copy of the agreement in the prescribed format in Kerala Stamp Paper worth ₹ 200.
3. Brochure of the product intended to supply.
4. Work Experience Certificate, OEM Authorisation Letter and other relevant details (as per the requirements.)
5. Scanned copies of the declaration by the bidder on Kerala Stamp Paper worth ₹ 200 to the effect that no Vigilance Case has been charge sheeted and pending trial at Court against him/his partner/s or any of his directors in connection with fabrication/supply of similar product made earlier to this Department.

I, (Name, Address, Firm), do hereby declare that no Vigilance Case have been charge sheeted and pending trial at Court against me, any of my partner/s or any of my directors, in connection with fabrication/supply of similar product made earlier to Kerala Fire and Rescue Services Department/Government of Kerala and none of us or our firm is blacklisted by any Government agencies/PSUs in Kerala.

6. Paid Receipt of the GST of Tender Fee (GST shall be paid by the bidder through GST payment methods in reverse charge basis).

Online Pre-bid meeting

Online pre-bid meeting will be held on the date and time mentioned above. Bidders can participate in the pre-bid meeting through the link meet.google.com/duw-hpcq-geu and clarify their doubts, if any. They can clarify their doubts by sending an e-mail to hq.frs@kerala.gov.in and by contacting The Director (Technical), Fire and Rescue Services Hqs., Thiruvananthapuram in Phone Number 09497920101.

Tender opening and evaluation

(a) Soon after the opening of the tender, the tenderers are requested to come to the Fire and Rescue Services Headquarters with documents and presentations on all the technical aspects of the equipment and accessories for the full understanding of the Head Office Purchase Committee (Technical), on the date specified.

(b) Sample of Portable Speaker System should be produced before the Committee for Technical Evaluation, which would be subjected to test by the departmental personnel. Technical expert of Bidder should be available for explaining all the aspects of the item.

(c) There will not be any further communications about the opening of the technical and financial bids separately. Soon on opening the technical bid of e-tenders, the committee constituted to evaluate the technical aspects, will meet and scrutinize the technical specification of equipment submitted with the e-tender.

(d) Technical expert of Bidder should be available for explaining all the aspects of the item, during the time of presentation and evaluation.

(e) During evaluation, the tenders will be first evaluated for the compliance of Departmental Technical Specification. Only those tenders which comply the Departmental Technical Specifications will be considered for subsequent financial evaluation.

(f) The financial bid belonging to those dealers/suppliers who qualified in the technical bid of the equipment as required above by Kerala Fire & Rescue Services Department alone will be considered.

(g) On finalization of technical evaluation, the second cover i.e. the financial bid of the concerned competent firm will be evaluated by the Head Office Committee (Finance) for consideration.

The bidder should upload all the supporting documents along with the Technical cover.

(h) The originals of all the required documents like Technical specification compliance statement of the product, Agreement in stamp paper worth ₹ 200. The declaration on Kerala Stamp Paper worth ₹ 200, Brouchers/Photograph of the item intended to supply, OEM Authorisation Letter and other required documents shall be produced before the undersigned soon after the Financial Bid opening.

(i) After opening the financial bid, financial evaluation will be done and the details will be uploaded in the financial evaluation field of the e-tender site, only after consultation with the DPC. The decision of the DPC shall be final on the admissibility of the tender and thereafter awarding of the contract.

(j) The right of acceptance or rejection of e-tender or cancelling the tender without assigning any reason, at any stage of tendering, is solemnly vested with the Director General, Kerala Fire and Rescue Services or a committee appointed by him.

The rules and regulations prescribed for e-tenders by the Government of Kerala/Store Purchase Manual, Government of Kerala shall be applicable to this e-tender also. If any tenderer wants any clarification on any aspect of the tender, he/she can send e-mail to dt.frs@kerala.gov.in or fax to 0471-2337422.

Details with respect to the e-tender and the details of specifications of the item to be purchase can be obtained from the e-tender website <https://etenders.kerala.gov.in>.

Any legal dispute that may arise in relation to the e-tender formalities will be restricted to the jurisdiction of Thiruvananthapuram District Court.

TECHNICAL SPECIFICATION

1. 50 Watts power output
2. Provision for USB, SD Card reader, Bluetooth and remote control facility
3. Built in MP3 player
4. Tone Control facilities.
5. Provision for 4 mic and 1 aux
6. Frequency response 50-18000hz.
7. Operates on AC (220V)/DC-12 7Ah rechargeable battery.
8. DC output 12V/250 mA.
9. Low battery indication provided.
10. Prevention circuit for deep discharge of battery.
11. 203 mm dual core full range speaker.
12. Weight shall be less than 10 kg.
13. 1 cordless hand held mic to be supplied along with
14. 1 Collar mic to be supplied along with
15. Manufacturer preferably shall be an ISO 9001 Certified.
16. Preferred make-ahuja/Sony/Bose/Sharp/equivalent.

Conditions

- | | |
|---|--|
| 1. Whether samples are essential | : Pamphlets, Photograph, etc. should be forwarded along with the tender. Samples shall be produced which may be subjected to tests by the departmental personnel. |
| 2. Period within which goods should be delivered | : Within 60 days from the date of supply order. |
| 3. Rates should be quoted including all taxes and transportation charge | : F.O.R., Thiruvananthapuram. |
| 4. Payment | : 100% payment against delivery at Thiruvananthapuram and final acceptance by an acceptance committee. |
| 5. Other Special Conditions | : <ol style="list-style-type: none"> 1. A Warranty of 12 months from the date of successful final receipt of the item. 2. EMD—1% of PAC in online payment. 3. Security deposit 5% of total contract amount to be furnished as mentioned in the Notice inviting e-Tender, which will be released after the expiry of the warrantee period. 4. Any firm whose proprietor, Partner or Director is involved in a Vigilance Case has been charge sheeted and pending trial at court in connection with fabrication/supply of similar product made earlier to this Department/Kerala Government are not eligible to participate and shall be barred from participating in this tender. 5. Any body attempting to offer bribe or otherwise influence in any manner the officials of the Kerala Fire and Rescue Services or its supervisory levels in the Government will be disqualified. 6. Tenderer must produce Manufacturers (OEM) authorization letter confirming uninterrupted supply, full compliance with tender specifications along with Technical bid. |

(7)

No. CD1-6676/2020.

23rd October 2020.

e-Tenders in two cover systems are invited from competent manufacturers or their authorised dealers with adequate stock and repair capabilities for the Supply of 18 Nos. of Kernmantle Rope as per the specifications of this department. The tender is to be submitted as e-tenders through <https://etenders.kerala.gov.in>. Since this is an e-tender, only those bidders who have enrolled in the above portal with their own Digital Signature Certificate (DSC) can participate in the tender.

e-Tender document and other details can be obtained from the above e-portal.

The tender has two parts:

1. Technical bid.
2. Financial bid (BOQ).

Tender No. with PAC—KFRS-CD-e-Tender No. 11/2020-21/SN—₹ 2.34 lakhs.

EMD—1% of PAC in online payment.

Closing date and time of e-tender—30-11-2020, 4 p. m.

Date and time of pre bid meeting—9-11-2020, 11 a. m. (Through Online)

Last date and time of receipt of e-tender—30-11-2020, 4 p. m.

Date and time of Samples/Documents/Presentations verification—4-12-2020, 12 p. m.

Date and time of opening of e-Tender:

1. Technical bid—4-12-2020, 11 a. m.
2. Financial bid—5-12-2020, 11 a. m. (The date may change depending on the completion of technical evaluation).

Cost of e-Tender (online submission)—₹ 500 + GST @ 18% (GST shall be paid by the bidder through GST payment methods in reverse charge basis).

Date upto which the rates are to remain firm for acceptance—31-3-2021.

Security Deposit—5% of total contract amount. (To be furnished as bank guarantee of a Nationalised or Scheduled Commercial Bank by the successful bidder).

Period of supply—Within 45 days from the date of supply order.

The bidder desiring to take part in the bid shall log into <https://etenders.kerala.gov.in> and then select tender and make the payment. Bidders will be directed to the payment gateway page of the State Bank of India. There are two options—State Bank of India Net banking payment, payment through MOPS from other banks to the payment gateway of SBI.

For obtaining Digital Signature Certificate (DSC) and necessary portal enrolment bidders can visit the website <https://etenders.kerala.gov.in>

Tenders will be opened online in the presence of such tenderers or their authorized representatives who have logged in before the prescribed time of opening of technical and financial bids. If the date fixed for opening happens to be a holiday/due to internet failure, the tender will be opened in the next working day, at the same time.

The tenderer, or his representative, shall be physically present at the Fire and Rescue Services Headquarters on the date prescribed, with the necessary documents and presentations on all the technical aspects of the equipment and accessories for the total understanding and verification of the technical committee.

The price of the e-tender form shall be received only through online payment SBI/SBI MOPS.

The cost should be quoted in Indian Currency only.

The tender has two covers:

- Technical cover
- Financial cover

The first cover i.e. the technical cover shall be uploaded with the following document:

1. Scanned copy of Departmental Technical Specification of the product intended to supply duly signed and stamped by the bidder.

The bidder should sign, stamp and upload the Departmental Technical Specification as such, along with the tender. Uploading the duly signed and stamped Departmental Technical Specification will be treated as the applicant is ready to supply the product as per the Departmental Technical Specification without any deviation.

In case of any deviation from the Departmental Technical Specification, the bidder shall fill and upload specification compliance statement in the following proforma, clearly marking the details of deviation. The committee will check the admissibility of the deviation mentioned by the bidder and the tender will be admitted only if the deviation proposed by the bidder is acceptable for the Departmental Technical Committee. Deviations, if any, shall be strictly marked in the Specification Compliance Statement itself. If the applicant uploaded the Specification Compliance Statement and no marking is made in the column provided for marking deviation in the statement, it will be treated as the applicant is ready to supply the product as per the Departmental Technical Specification without any deviation.

Specification Compliance Statement for Kernmantle Rope

<i>Sl. No.</i>	<i>Detail of Departmental Technical Specification</i>	<i>Detail of the product offered</i>	<i>Deviation from Departmental Technical Specification, if any</i>

2. Scanned copy of the agreement in the prescribed format in Kerala Stamp Paper worth ₹ 200.
3. Brochure of the product intended to supply.
4. Work Experience Certificate, OEM Authorisation Letter and other relevant details (as per the requirements.)
5. Scanned copies of the declaration by the bidder on Kerala Stamp Paper worth ₹ 200 to the effect that no Vigilance Case has been charge sheeted and pending trial at Court against him/his partner/s or any of his directors in connection with fabrication/supply of similar product made earlier to this Department.

I, (Name, Address, Firm), do hereby declare that no Vigilance Case have been charge sheeted and pending trial at Court against me, any of my partner/s or any of my directors, in connection with fabrication/supply of similar product made earlier to Kerala Fire and Rescue Services Department/Government of Kerala and none of us or our firm is blacklisted by any Government agencies/PSUs in Kerala.

6. Paid Receipt of the GST of Tender Fee. (GST shall be paid by the bidder through GST payment methods in reverse charge basis).

Pre bid meeting

Online pre bid meeting will be held on the date and time mentioned above. Bidders can participate in the prebid meeting through the link meet.google.com/rcw-cjsy-hsm and clarify their doubts, if any. They can clarify their doubts by sending an e-Mail to hq.frs@kerala.gov.in and by contacting The Director (Technical), Fire and Rescue Services Hqrs., Thiruvananthapuram in Phone Number-09497920101.

Tender opening and evaluation

(a) Soon after the opening of the tender, the tenderers are requested to come to the Fire and Rescue Services Headquarters with documents and presentations on all the technical aspects of the equipment and accessories for the full understanding of the Head Office Purchase Committee (Technical), on the date specified.

(b) Sample of Kernmantle Rope should be produced before the Committee for Technical Evaluation, which would be subjected to test by the departmental personnel. Technical expert of Bidder should be available for explaining all the aspects of the item.

(c) There will not be any further communications about the opening of the technical and financial bids separately. Soon on opening the technical bid of e-tenders, the committee constituted to evaluate the technical aspects, will meet and scrutinize the technical specification of equipment submitted with the e-tender.

(d) Technical expert of Bidder should be available for explaining all the aspects of the item, during the time of presentation and evaluation.

(e) During evaluation, the tenders will be first evaluated for the compliance of Departmental Technical Specification. Only those tenders which comply the Departmental Technical Specifications will be considered for subsequent financial evaluation.

(f) The financial bid belonging to those dealers/suppliers who qualified in the technical bid of the equipment as required above by Kerala Fire & Rescue Services Department alone will be considered.

(g) On finalization of technical evaluation, the second cover i.e. the financial bid of the concerned competent firm will be evaluated by the Head Office Committee (Finance) for consideration.

The bidder should upload all the supporting documents along with the Technical cover.

(h) The originals of all the required documents like Technical specification compliance statement of the product, Agreement in stamp paper worth ₹ 200, The declaration on Kerala Stamp Paper worth ₹ 200, Brouchers/Photograph of the item intended to supply, OEM Authorisation Letter and other required documents shall be produced before the undersigned soon after the Financial Bid opening.

(i) After opening the financial bid, financial evaluation will be done and the details will be uploaded in the financial evaluation field of the e-tender site, only after consultation with the DPC. The decision of the DPC shall be final on the admissibility of the tender and thereafter awarding of the contract.

(j) The right of acceptance or rejection of e-tender or cancelling the tender without assigning any reason, at any stage of tendering, is solemnly vested with the Director General, Kerala Fire and Rescue Services or a committee appointed by him.

The rules and regulations prescribed for e-tenders by the Government of Kerala/Store Purchase Manual, Government of Kerala shall be applicable to this e-tender also. If any tenderer wants any clarification on any aspect of the tender, he/she can send email to dt.frs@kerala.gov.in or fax to 0471-2337422.

Details with respect to the e-tender and the details of specifications of the item to be purchase can be obtained from the e-tender website <https://etenders.kerala.gov.in>.

Any legal dispute that may arise in relation to the e-tender formalities will be restricted to the jurisdiction of Thiruvananthapuram District Court.

TECHNICAL SPECIFICATION OF KERNMANTLE ROPE STATIC (100 MTRS)

1. Diameter: 11mm/11.5mm/12mm
2. Material may be
3. High Density polyester, sheath Nylon Core
4. Polyamide
5. High tenacity polyester
6. Nylon
7. Breaking strength: Not less than 27 KN
8. Weight: Not more than 3 kg/100 feet
9. Certificate: NFPA/CE/UL listed/EN/ISO

Conditions

- | | |
|---|---|
| 1. Whether samples are essential | : Pamphlets, Photograph, etc. should be forwarded along with the tender. Samples shall be produced which may be subjected to tests by the departmental personnel. |
| 2. Period within which goods should be delivered | : Within 45 days from the date of supply order. |
| 3. Rates should be quoted including all taxes and transportation charge | : F.O.R., Thiruvananthapuram. |
| 4. Payment | : 100% payment against delivery at Thiruvananthapuram and final acceptance by an acceptance committee. |
| 5. Other Special Conditions | : <ol style="list-style-type: none"> 1. A Warranty of 6 months from the date of successful final receipt of the item. 2. EMD—1% of PAC in online payment. 3. Security deposit 5% of total contract amount to be furnished as mentioned in the Notice inviting e-Tender, which will be released after the expiry of the warrantee period. |

4. Any firm whose proprietor, Partner or Director is involved in a Vigilance Case has been charge sheeted and pending trial at court in connection with fabrication/supply of similar product made earlier to this Department/Kerala Government are not eligible to participate and shall be barred from participating in this tender.
5. Any body attempting to offer bribe or otherwise influence in any manner the officials of the Kerala Fire and Rescue Services or its supervisory levels in the Government will be disqualified.
6. Tenderer must produce Manufacturers (OEM) authorization letter confirming uninterrupted supply, full compliance with tender specifications along with Technical bid.

(8)

No. CD1-6547/2019.

30th October 2020.

e-Tenders in two cover systems are invited from competent manufacturers or their authorised dealers with adequate stock and spares and repair capabilities for the Supply of 1 No. of Rubber dinghy with out board engine (25 HP) as per the specifications of this department. The tender is to be submitted as e-tenders through <https://etenders.kerala.gov.in>. Since this is an e-tender, only those bidders who have enrolled in the above portal with their own Digital Signature Certificate (DSC) can participate in the tender.

e-Tender document and other details can be obtained from the above e-portal.

The tender has two parts:

1. Technical bid.
2. Financial bid (BOQ).

Tender No. with PAC—KFRS-CD-e-Tender No. 13/2020-21/SN—₹ 7 lakhs.

EMD—1% of PAC in online payment.

Date of prebid meeting—9-11-2020, 2 p.m. (Through online)

Closing date and time of e-tender—30-11-2020, 4 p. m.

Last date and time of receipt of e-tender—30-11-2020, 4 p. m.

Date and time of Samples/Documents/Presentations verification—4-12-2020, 3.30 p. m.

Date and time of opening of e-Tender:

1. Technical bid—4-12-2020, 11 a. m.
2. Financial bid—5-12-2020, 11 a. m. (The date may change depending on the completion of technical evaluation)

Cost of e-Tender (online submission)—₹ 1,400 + GST @ 18% (GST shall be paid by the bidder through GST payment methods in reverse charge basis).

Date upto which the rates are to remain firm for acceptance—31-3-2021.

Security Deposit—5% of total contract amount. (To be furnished as bank guarantee of a Nationalised or Scheduled Commercial Bank).

Period of supply—Within 60 days from the date of supply order.

The bidder desiring to take part in the bid shall log into <https://etenders.kerala.gov.in> and then select tender and make the payment. Bidders will be directed to the payment gateway page of the State Bank of India. There are two options—State Bank of India Net banking payment, payment through MOPS from other banks to the payment gateway of SBI.

For obtaining Digital Signature Certificate (DSC) and necessary portal enrolment bidders can visit the website <https://etenders.kerala.gov.in>

Tenders will be opened online in the presence of such tenderers or their authorized representatives who have logged in before the prescribed time of opening of technical and financial bids. If the date fixed for opening happens to be a holiday/due to internet failure, the tender will be opened in the next working day, at the same time.

The tenderer, or his representative, shall be physically present at the Fire and Rescue Services Headquarters on the date prescribed, with the necessary documents and presentations on all the technical aspects of the equipment and accessories for the total understanding and verification of the technical committee.

The price of the e-tender form shall be received only through online payment SBI/SBI MOPS.

The cost should be quoted in Indian Currency only.

The tender has two covers:

- Technical cover
- Financial cover

The first cover i.e. the technical cover shall be uploaded with the following document:

1. Scanned copy of Departmental Technical Specification of the product intended to supply duly signed and stamped by the bidder.

The bidder should sign, stamp and upload the Departmental Technical Specification as such, along with the tender. Uploading the duly signed and stamped Departmental Technical Specification will be treated as the applicant is ready to supply the product as per the Departmental Technical Specification without any deviation.

In case of any deviation from the Departmental Technical Specification, the bidder shall fill and upload specification compliance statement in the following proforma, clearly marking the details of deviation. The committee will check the admissibility of the deviation mentioned by the bidder and the tender will be admitted only if the deviation proposed by the bidder is acceptable for the Departmental Technical Committee. Deviations, if any, shall be strictly marked in the Specification Compliance Statement itself. If the applicant uploaded the Specification Compliance Statement and no marking is made in the column provided for marking deviation in the statement, it will be treated as the applicant is ready to supply the product as per the Departmental Technical Specification without any deviation.

Specification Compliance Statement for Rubber Dinghy with out Board Engine (25 Hp)

<i>Sl. No.</i>	<i>Detail of Departmental Technical Specification</i>	<i>Detail of the product offered</i>	<i>Deviation from Departmental Technical Specification, if any</i>

2. Scanned copy of the agreement in the prescribed format in Kerala Stamp Paper worth ₹ 200.
3. Brochure of the product intended to supply.
4. Work Experience Certificate, OEM Authorisation Letter and other relevant details.
5. Scanned copies of the declaration by the bidder on Kerala Stamp Paper worth ₹ 200 to the effect that no Vigilance Case has been charge sheeted and pending trial at Court against him/his partner/s or any of his directors in connection with fabrication/supply of similar product made earlier to this Department.

I, (Name, Address, Firm), do hereby declare that no Vigilance Case have been charge sheeted and pending trial at Court against me, any of my partner/s or any of my directors, in connection with fabrication/supply of similar product made earlier to Kerala Fire and Rescue Services Department/Government of Kerala and none of us or our firm is blacklisted by any Government agencies/PSUs in Kerala.

6. Paid Receipt of the GST of Tender Fee. (GST shall be paid by the bidder through GST payment methods in reverse charge basis).

Online Pre bid meeting

Online pre bid meeting will be held on the date and time mentioned above. Bidders can participate in the pre bid meeting through the link meet.google.com/qtm-bexx-jzv and clarify their doubts, if any. They can clarify their doubts by sending an e-Mail to hq.frs@kerala.gov.in and by contacting The Director (Technical), Fire and Rescue Services Hqrs., Thiruvananthapuram in Phone Number 09497920101.

Tender opening and evaluation

(a) Soon after the opening of the tender, the tenderers are requested to come to the Fire and Rescue Services Headquarters with documents and presentations on all the technical aspects of the equipment and accessories for the full understanding of the Head Office Purchase Committee (Technical), on the date specified.

(b) There will not be any further communications about the opening of the technical and financial bids separately. Soon on opening the technical bid of e-tenders, the committee constituted to evaluate the technical aspects, will meet and scrutinize the technical specification of equipment submitted with the e-tender.

(c) Technical expert of Bidder should be available for explaining all the aspects of the item, during the time of presentation and evaluation.

(d) During evaluation, the tenders will be first evaluated for the compliance of Departmental Technical Specification. Only those tenders which comply the Departmental Technical Specifications will be considered for subsequent financial evaluation.

(e) The financial bid belonging to those dealers/suppliers who qualified in the technical bid of the equipment as required above by Kerala Fire & Rescue Services Department alone will be considered.

(f) On finalization of technical evaluation, the second cover i.e. the financial bid of the concerned competent firm will be evaluated by the Head office Committee (Finance) for consideration.

The bidder should upload the supporting documents along with the Technical cover.

(g) The originals of Technical specification compliance statement of the product, Agreement in stamp paper worth ₹ 200, The declaration on Kerala Stamp Paper worth ₹ 200 and Brouchers/Photograph of the item intended to supply, OEM Authorisation Letter and other documents shall be produced before the undersigned soon after the Financial Bid opening.

(h) After opening the financial bid, financial evaluation will be done and the details will be uploaded in the financial evaluation field of the e-tender site, only after consultation with the DPC. The decision of the DPC shall be final on the admissibility of the tender and thereafter awarding of the contract.

(i) The right of acceptance or rejection of e-tender or cancelling the tender without assigning any reason, at any stage of tendering, is solemnly vested with the Director General, Kerala Fire and Rescue Services or a committee appointed by him.

The rules and regulations prescribed for e-tenders by the Government of Kerala/Store Purchase Manual, Government of Kerala shall be applicable to this e-tender also. If any tenderer wants any clarification on any aspect of the tender, he/she can send email to dt.frs@kerala.gov.in or fax to 0471-2337422.

Details with respect to the e-tender and the details of specifications of the item to be purchase can be obtained from the e-tender website <https://etenders.kerala.gov.in>.

Any legal dispute that may arise in relation to the e-tender formalities will be restricted to the jurisdiction of Thiruvananthapuram District Court.

SPECIFICATION FOR RUBBER DINGHY WITH OUTBOARD ENGINE (INFLATABLE)

The equipment proposed is to be used in rescue operations during incidents in water bodies. The equipment shall include an inflatable dinghy and an Outboard engine which can be fitted to the Transom to mobilise the dinghy.

Inflatable boat (Dinghy)

1. The boat shall be inflatable with air pressure by foot pump and Electric pump (12 Volts DC/230 Volt AC Supply) along with necessary accessories.
2. The boat shall be suitable for 8-10 (Eight to ten) persons, or for 1000 kgs weight.
3. There shall be two layers of material on lower tubes for better abrasion and puncture resistance and shall have reinforcing strips under air chambers.
4. The design of the boat shall be such that, it shall have minimum four separate air chambers. Out of which minimum three air chambers shall be in main hull, and fourth air chamber, shall be in the inflatable keel. Minimum one relief valve each shall be there for each air chamber.
5. The hull, air tubes (chambers) and keels shall be made from hypalon with 1670 Deni and carry an approval of BSMA (British standard manufacture association) 16, IMO (International Maritime Organization), LSA (Life saving Appliance) regulation or equivalent.
6. The exterior size of the boat shall not be less than 4200mm × 1800mm
7. The interior size of the boat shall not be less than 2500 mm × 950mm with provision for fixing two FRP seats/ rectangular FRP box kept on the floor board/inflatable Thwart Boat seat.
8. The boat shall be provided with plastic coated/Fibre Glass coated/Heavy duty Aluminium Transom and the height of the transom shall not be less than 425 mm.
9. The air filling valves shall be one way type and of approved type and make.
10. Diameter of the tube body shall not be less than 460 mm.
11. There shall be inflatable keel not less than 7" diameter for stability in sea and swift water rescue.
12. The seams of the boat shall be quadruple overlap.
13. There shall be 5/8" grab line along sides for safety.
14. The empty weight of dinghy including floor board but without OB Engine shall not be more than 130 Kg.
15. The floor board shall be inter-locking type of aluminium/HD Polyethylene material with suitable carry bag.
16. There shall have built in oarlocks for easy rowing.
17. The boat shall have four carrying handles and front lifting handle.
18. There shall be strakes around hull and under keel for extra protection.
19. There shall be two self bailing drain valves.
20. The boat shall be supplied with a suitable carrying bag.
21. The boat shall be supplied with Bow storage bag and repair kit.
22. The boat shall have quick attachment for OB Enigne.
23. There shall be two paddle provided for emergency rowing.
24. The items shall be new, unused and suiting to latest design.
25. The drawing, design, manufacturing materials and the manufacturing firms to be approved by LRS/IRS (Lloyd's register of shipping/Indian Register of Shipping)

26. Approved drawing of general arrangement of boat must be enclosed with tender. The successful bidder shall submit the LRS/IRS (Lloyd's Register of shipping/Indian Register of Shipping) Certification for each Rubber Dinghy, at the time of supply.
27. The Dinghy shall be red in colour, The words "Kerala Fire and Rescue Services, Civil Defence" shall be printed as vulcanised printing in yellow letters of not less than 10 cm in height on one side of the hull of the dinghy in golden yellow colour paint, same text in "Malayalam Font" shall be painted over the other side in same manner.
28. Emblem of the department shall be affixed on the front of the hull.
29. Accessories:-The following accessories shall be supplied along with the Dinghy.
 - (1) Foot Pump-2 Nos.
 - (2) Electric Pump with all necessary accessories-1 No.
 - (3) Floor board-1 set
 - (4) Paddle of aluminium handle and moulded plastic blades-2 nos.
 - (5) Anchor with 50 meter 5/8 inch double braided nylon rope with stainless steel thimble-1 No.
 - (6) Life Buoy-5 Nos.
 - (7) Life Jacker-10 Nos.
 - (8) Durable FRP seat-2 Nos.
30. Repair Kit consisting of the following shall be supplied along with each unit:
 - (1) Rubber Patches-10 Nos.
 - (2) Adhesive-1 Kg.
 - (3) Roughening Tools-2 Nos.
 - (4) Air Valves (Spare)-2 Nos.
 - (5) Hose clamp-4 Nos.
 - (6) OB Engine impeller-1 No.
 - (7) Impeller Key-2 Nos.
 - (8) Spark Plug-2 Nos.
 - (9) Starting Rope-2 Nos.
 - (10) OBM fuel injector kit-1 No.
 - (11) Water Pump repair Kit-1 No.

Out Board Engine (25 HP)

1. The boat shall be provided with outboard engine which can be quickly attached whenever required.
2. The engine of the outboard engine shall be gasoline engine of reputed brand (Honda/Suzuki/Yamaha or equivalent make)
3. The capacity of OB engine shall not be less than 25 Hp, 4 stroke and shall run with Gasoline (Petrol)
4. The RPM of the engine shall be 5000-6000 or as per IRS/LRS approval.
5. The engine cooling system shall be water cooled type.
6. The exhaust system shall through propeller shaft.
7. The engine and drive line shall be fitted in enclosed housing to protect from sea/River/Canal Water.

A guarantee of 36 months shall be provided from the date of commission.

Any defect of the item within a period of 10 years shall be attended by the supplier and the firm will be responsible for the rectification of the same.

Sample shall be produced at the time of technical evaluation. The selection will be done on the basis of sample evaluation.

Conditions

1. Whether samples are essential : Pamphlets, Photograph, etc. Drawings CD should be forwarded along with the tender. Samples shall be produced which may be subjected to tests by the departmental personnel.
2. Period within which goods should be delivered : Within 60 days from the date of supply order.
3. Rates should be quoted including all taxes and transportation charge and rate of AMC : F.O.R., Thiruvananthapuram.
4. Payment : 100% payment against delivery at Thiruvananthapuram and acceptance by an acceptance committee.
5. Other Special Conditions :
 1. A Warranty of 36 months from the date of final receipt of the item.
 2. EMD—1% of PAC in online payment.
 3. Security deposit 5% of total contract amount to be furnished as mentioned in the Notice inviting e-Tender, which will be released after the expiry of the warrantee period.
 4. Any firm whose proprietor, Partner or Director is involved in a Vigilance Case has been charge sheeted and pending trial at court in connection with fabrication/supply of similar product made earlier to this Department/Kerala Government are not eligible to participate and shall be barred from participating in this tender.
 5. Anybody attempting to offer bribe or otherwise influence in any manner the officials of the Kerala Fire and Rescue Services or its supervisory levels in the Government will be disqualified.
 6. Full Stock/spares and technicians shall be available in India and service should be available for any repair or maintenance within 48 hours of a call from this department. Authorised service centre of the Out Board Engine should be available in Kerala.
 7. Tenderer must produce Manufacturers (OEM) authorization letter confirming uninterrupted supply, full compliance with tender specifications, and spares back up for 10 years after commissioning of the equipment, along with Technical bid. The Bidder shall have supplied at least 10 Rubber Dinghy with OB Engine in past 5 years and documentary evidence i. e. Purchase orders etc. shall be uploaded along with the technical bid, otherwise offer will be liable to reject.

(9)

No. M1-9435/2019-2.

4th November 2020.

e-Tenders in two cover systems are invited from competent manufacturers or their authorised dealers with adequate stock and spares and repair capabilities for the Fabrication and Supply of 16 Nos. of Advance Rescue Tenders as per the specifications of this department. The tender is to be submitted as e-tenders through <https://etenders.kerala.gov.in>. Since this is an e-tender, only those bidders who have enrolled in the above portal with their own Digital Signature Certificate (DSC) can participate in the tender.

e-Tender document and other details can be obtained from the above e-portal.

The tender has two parts:

1. Technical bid.
2. Financial bid (BOQ).

Tender No. with PAC—KFRS-RE-e-Tender No. 10/2019-20/SN—₹ 1,312 Lakhs.

EMD—1% of PAC in online payment.

Date of Prebid Meeting—16-11-2020, 11 a.m. (through online).

Closing date and time of e-tender—4-12-2020, 4 p. m.

Last date and time of receipt of e-tender—4-12-2020, 4 p. m.

Date and time of Samples/Documents/Presentations verification—10-12-2020, 2.30 p. m.

Date and time of opening of e-Tender:

1. Technical bid—10-12-2020, 11 a. m.
2. Financial bid—11-12-2020, 11 a. m. (The date may change depending on the completion of technical evaluation).

Cost of e-Tender (online submission)—₹ 25,000 + GST @ 18% (GST shall be paid by the bidder through GST payment methods in reverse charge basis).

Date upto which the rates are to remain firm for acceptance—31-3-2021.

Security Deposit—5% of total contract amount. (To be furnished as bank guarantee of a Nationalised or Scheduled Commercial Bank).

Period of supply—Within 120 days from the date of supply order.

The bidder desiring to take part in the bid shall log into <https://etenders.kerala.gov.in> and then select tender and make the payment. Bidders will be directed to the payment gateway page of the State Bank of India. There are two options—State Bank of India Net banking payment, payment through MOPS from other banks to the payment gateway of SBI.

For obtaining Digital Signature Certificate (DSC) and necessary portal enrolment bidders can visit the website <https://etenders.kerala.gov.in>.

Tenders will be opened online in the presence of such tenderers or their authorized representatives who have logged in before the prescribed time of opening of technical and financial bids. If the date fixed for opening happens to be a holiday/due to internet failure, the tender will be opened in the next working day, at the same time.

The tenderer, or his representative, shall be physically present at the Fire and Rescue Services Headquarters on the date prescribed, with the necessary documents and presentations on all the technical aspects of the equipment and accessories for the total understanding and verification of the technical committee.

The price of the e-tender form shall be received only through online payment SBI/SBI MOPS.

The cost should be quoted in Indian Currency only.

The tender has two covers:

- Technical cover
- Financial cover

The first cover i.e. the technical cover shall be uploaded with the following document:

1. Scanned copy of Departmental Technical Specification of the product intended to supply duly signed and stamped by the bidder.

The bidder should sign, stamp and upload the Departmental Technical Specification as such, along with the tender. Uploading the duly signed and stamped Departmental Technical Specification will be treated as the applicant is ready to supply the product as per the Departmental Technical Specification without any deviation.

In case of any deviation from the Departmental Technical Specification, the bidder shall fill and upload specification compliance statement in the following proforma, clearly marking the details of deviation. The committee will check the admissibility of the deviation mentioned by the bidder and the tender will be admitted only if the deviation proposed by the bidder is acceptable for the Departmental Technical Committee. Deviations, if any, shall be strictly marked in the Specification Compliance Statement itself. If the applicant uploaded the Specification Compliance Statement and no marking is made in the column provided for marking deviation in the statement, it will be treated as the applicant is ready to supply the product as per the Departmental Technical Specification without any deviation.

Specification Compliance Statement for Advance Rescue Tender

<i>Sl. No.</i>	<i>Detail of Departmental Technical Specification</i>	<i>Detail of the product offered</i>	<i>Deviation from Departmental Technical Specification, if any</i>

2. Scanned copy of the agreement in the prescribed format in Kerala Stamp Paper worth ₹ 200.
3. Brochure of the product intended to supply.
4. Work Experience Certificate, OEM Authorisation Letter and other relevant details (as per the requirements.)
5. Scanned copies of the declaration by the bidder on Kerala Stamp Paper worth ₹ 200 to the effect that no Vigilance Case has been charge sheeted and pending trial at Court against him/his partner/s or any of his directors in connection with fabrication/supply of similar product made earlier to this Department.

I, (Name, Address, Firm do hereby declare that no Vigilance Case have been charge sheeted and pending trial at Court against me, any of my partner/s or any of my directors, in connection with fabrication/supply of similar product made earlier to Kerala Fire and Rescue Services Department/ Government of Kerala and none of us or our firm is blacklisted by any Government agencies/PSUs in Kerala.

6. Paid Receipt of the GST of Tender Fee. (GST shall be paid by the bidder through GST payment methods in reverse charge basis).

Pre bid meeting

Online pre bid meeting will be held on the date and time mentioned above. Bidders can participate in the pre bid meeting through the link meet.google.com/incoou-vs-x and clarify their doubts, if any. They can clarify their doubts by sending an e-mail to hq.frs@kerala.gov.in and by contacting The Director (Technical), Fire and Rescue Services Thiruvananthapuram in Phone Number: 09497920101.

Tender opening and evaluation

(a) Soon after the opening of the tender, the tenderers are requested to come to the Fire and Rescue Services Headquarters with documents and presentations on all the technical aspects of the equipment and accessories for the full understanding of the Head Office Purchase Committee (Technical), on the date specified.

(b) There will not be any further communications about the opening of the technical and financial bids separately. Soon on opening the technical bid of e-tenders, the committee constituted to evaluate the technical aspects, will meet and scrutinize the technical specification of equipment submitted with the e-tender

(c) During evaluation, the tenders will be first evaluated for the compliance of Departmental Technical Specification. Only those tenders which comply the Departmental Technical Specifications will be considered for subsequent financial evaluation.

(d) Those bidders who can comply with all the requirements and conditions of the tender only need to participate in the tender. Any special condition uploaded by the bidder will not be considered for evaluation.

(e) The financial bid belonging to those dealers/suppliers who qualified in the technical bid of the equipment as required above by Kerala Fire & Rescue Services Department alone will be considered.

(f) On finalization of technical evaluation, the second coe i. e., the financial bid of the concerned competent firm will be evaluated by the Head Office Committee (Finance) for consideration.

The bidder should upload the supporting documents along with the Technical cover.

(g) The originals of all the required documents like Technical specification compliance statement of the product, Agreement in stamp paper worth ₹ 200, The declaration on Kerala Stamp Paper worth ₹ 200, Brouchers/Photograph of the item intended to supply, OEM Authorisation Letter and other required documents shall be produced before the undersigned soon after the Financial Bid opening.

(h) After opening the financial bid, financial evaluation will be done and the details will be uploaded in the financial evaluation field of the e-tender site, only after consultation with the DPC. The decision of the DPC shall be final on the admissibility of the tender and thereafter awarding of the contract.

(i) The right of acceptance or rejection of e-tender or cancelling the tender without assigning any reason, at any stage of tendering, is solemnly vested with the Director General, Kerala Fire and Rescue Services or a committee appointed by him.

The rules and regulations prescribed for e-tenders by the Government of Kerala/Store Purchase Manual, Government of Kerala shall be applicable to this e-tender also. If any tenderer wants any clarification on any aspect of the tender, he/she can send email to dt.frs@kerala.gov.in or fax to 0471-2337422.

Details with respect to the e-tender and the details of specifications of the item to be purchase can be obtained from the e-tender website <https://etenders.kerala.gov.in>.

Any legal dispute that may arise in relation to the e-tender formalities will be restricted to the jurisdiction of Thiruvananthapuram District Court.

TECHNICAL SPECIFICATION

This vehicle is designed to cater the needs of emergency created due to fire, road accidents, lift incidents, well incidents and many other building and industrial accidents.

1. Chassis

The Advanced Rescue Tender shall be fabricated on a suitable brand new cabin Chassis having the specifications as mentioned below. The cabin should be modern and aesthetically designed with elegant looks. The instrument cluster should be new generation multi-display electronic type.

1. Wheel base	—	Shall not be less than 3400mm
2. Overall length	—	5000 mm to 7225 mm
3. G. V. W	—	Shall not be less than 10250 kg
4. Turning Radius	—	Shall not be more than 7500 mm
5. Engine power	—	Shall not be less than 110 bhp
6. Torque	—	Shall not be less than 350 Nm
7. Vehicle Emission Compliance	—	Shall be BS VI
8. Drive	—	Shall be Right Hand Drive
9. Type of Steering	—	Shall be power Assisted with Tilttable steering
10. Fuel Tank Capacity	—	Shall not be less than 110 Ltr
11. Axle	—	Shall be 4×2 (6 tyres)

Chassis shall be supplied by the Department

2. General

- (1) The appliances shall be designed to carry all the equipment listed below.
- (2) The fabricated vehicle shall be strictly within the purview of the Motor Vehicle Act and rules prevailing in State of Kerala.
- (3) The centre of gravity of the vehicle shall be kept as low as possible under all conditions of loading.
- (4) The fabrication of the unit shall be designed in such a manner that whole unit is unitized within the chassis.
- (5) The overall weight of the fabricated vehicle with full equipment, accessories, tools, crew etc. should not be above the rated GVW of the chassis as prescribed by the chassis manufacturer. The distribution of load shall conform to the specification laid down by the chassis manufacturer.
- (6) The top of the vehicle shall be adequately reinforced to permit the crew members to perform their duties while being on the top of the vehicle
- (7) The fabricator shall furnish a guarantee for a period of 24 months for material and workmanship including all equipment.
- (8) The fabricator shall supply a clean diagrammatic representation of the Advanced Rescue Tender that they will be fabricating with the accessories and equipment as per specifications enlisted herewith.
- (9) Renewal of temporary registration processes shall be performed by the fabricator at their own expense. A valid Temporary Registration Certificate (T.P) shall be produced before the department at the time of delivery.
- (10) Load distribution chart and detailed drawing from the competent authority shall be submitted for obtaining approval from the department, before commencing fabrication.

3. Material selection and treatment

- (1) The material to be used in the fabrication of the appliance shall be made with a view of combining lightness with strength and durability.
- (2) Timber shall not be used for the fabrication.
- (3) The appliance shall be required for use in conditions with constant high humidity and heat. This shall be given full consideration while selecting the materials.
- (4) Fittings made from ferrous material coated with nickel or chromium shall not be used.
- (5) All metal parts exposed to atmosphere shall be either treated with anti-corrosive materials or non corrosive materials.
- (6) Wherever aluminium is used for fabrication it shall be anodized.
- (7) No M.S. sheet shall be used either for body panelling or lockers.
- (8) Cross members shall be duly bolted to main chassis frame with tensile bolts with nylock nuts. The complete structural material shall be treated for anticorrosion by zinc plating. The plating thickness shall not be less than 20 microns. Two coats of epoxy paint shall be applied to the completely welded structure.
- (9) All items used for the fabrication of the advance rescue tender shall conform to the relevant IS and where the standard specification does not exist, best available quality material shall be used.

4. Body work

Accommodation for six persons shall be provided in the vehicle. The crew cabin should have one removable seat for full width of cab for the accommodation of 4 (four) crew members. The cab floor should be covered with 3 mm thick aluminium chequered plate rigidly fixed to the under frame cross members by means of nuts and bolts or riveting. Trap doors for topping up oil. etc., wherever necessary shall be provided.

One roof light (LED Type) shall be provided in the driver cabin. The vehicle shall be provided with two large size rear view mirrors with convex round mirrors for overall rear view of the vehicle from top to bottom and left to right but should not obstruct the vision of the driver while driving through curves.

The crew cabin shall be provided with two full doors. The doors shall be generously sized for easy embarking/disembarking of crew members. The doors shall be fitted on the super structural members, each hung upon three invisible coach type mild steel stout hinges and fitted with best quality handles.

The door handle on outside of driver seat shall have a locking arrangement. Other doors shall be lockable from inside. In addition to the doors locks, aluminium tower bolt of 200 mm shall be provided for all the doors from inside adequate grab rails shall be provided for easily boarding and alighting from the appliance.

Seats

The driver seat shall be adjustable type. The officer seat shall be fixed type. Both the seats shall be rigidly fixed to the flooring by means of nuts and bolts. The seat cushion shall be of latex foam rubber 75 mm thick upholstered in good quality foam leather cloth. The crew seat shall be of latex foam rubber 50 mm thick upholstered in good quality foam leather cloth. Below the crew seat, two lockers shall be provided. One locker for battery box to accommodate batteries (2 Nos.) and another for keeping accessories. The extra length of battery cable shall be provided. The crew seat shall be rigidly fixed to floor by means of nuts and bolts, suitable for sitting four firemen, covered with 75 mm x 50 mm cushion latex foam rubber upholstered in good quality foam leather of approved shade. The extra length of battery cable shall be provided, if required. Seat belt shall be provided for both driver and officer seat.

The super structure of the cabin shall be constructed out of 2 mm mild steel 45 mm x 45 mm x 20 mm pressed 'TOP HAT' sections. The super structure shall be strengthened specifically on the members with the lockers doors frames are to be fitted and also the other members by providing brackets and gussets of 2 mm mild steel plate securely welded.

The details of super structure are as follows:

- | | |
|-----------------------------------|-------------------------|
| (a) Under frame cross members | : 100 mm x 50 mm x 5 mm |
| (b) Floor longitudinal members | : 50 mm x 50 mm x 6 mm |
| (c) Vertical members on even side | : 45 mm x 45 mm x 20 mm |
| (d) Skirt member | : 45 mm x 45 mm x 20 mm |
| (e) Waist member | : 45 mm x 45 mm x 20 mm |
| (f) Top deck longitudinal | : 45 mm x 45 mm x 20 mm |

The cabin and lockers should be of composite construction with sufficient rigidity and reinforcement and shall be kept as light as possible.

The structure/frame work shall be of welded constructions and made from 2 mm thick mild steel pressed sections and square tubes. The angles and channels used shall be of minimum 3 mm thickness.

The structure shall be so designed so as to avoid any vibration/rattling/deformation in the intended usage of the vehicle.

The interior panelling shall be done from 1.22 mm thick aluminium sheets and the exterior panelling shall be done from 1.60 mm thick aluminium sheets.

The cabin shall be internally lined with good quality PVC coated 1.6 mm aluminium sheet. A fire bell of 250 mm diameter shall be provided on the rear left hand side of the cabin (above firemen seat) and arrangements shall be so made to enable the fireman to ring the bell from inside the cabin. Wire mesh guards shall be provided for front wind screen glass, side door glasses (4 numbers), light bar, head lights, fog lights and for rear lights. These wire mesh guards shall be of removable type, fitted with wing nuts.

Stowage and lockers

- (1) The stowage facility should be provided for all the equipments.

The stowage lockers shall be provided with Roll in and Roll out type of drawers, giving easy and immediate access from outside of the vehicle for the Hydraulic rescue tools, chain saws, alternator and other important equipments. Rakes and boxes should be fabricated to accommodate the equipments which are not stowed in the roll in roll out type drawers.

- (2) All equipments should be stowed scientifically and systematically in the drawers/Rakes/boxes, with facility to locate and remove each equipment easily. Each drawers/Rakes/boxes shall be labelled with the name and number of equipments in each stowage and any vacant position in the locker shall indicate that the particular equipment is missing.

- (3) Each equipment in the stowage shall be properly clamped and strapped, to prevent the shifting and rolling of the equipment during vehicular movement and negotiating the curves.

- (4) The drawer sides shall be constructed from aluminium angles of minimum 100 mm x 4 mm thickness and the bottom floor of the drawers shall be made from 3 mm thick aluminium sheets and then covered with good quality neoprene rubber sheets.

- (5) The bottom edges of the drawers shall be covered with SS angles of minimum 2 mm thickness.

- (6) The drawers should have self locking system to prevent accidental opening while the vehicle is in motion.
- (7) The drawers shall be made according to the required size of the equipment which is to be stowed.

(8) The roller shutters shall be made from extruded aluminium sections with suitable roller, spring, guide channels, etc. All aluminium sections used shall be properly anodized. The roller shutters shall be rolled inwards underneath the roof giving unobstructed access to the equipment lockers. These roller shutters shall open in every position of the vehicle even in rough terrain. Guide rails shall support the shutters over entire length on both sides to make them absolutely torsion free. The roller shutters shall have a sturdy lock, preventing accidental opening during movement of vehicle. Roller shutters shall be made of hollow rectangular shaped aluminium links which shall be inter connected with rubber/plastic/PVC profiles sealing the roller shutter watertight when closed. The complete shutter assembly, the side, bottom and main profiles as well as the locking system shall be from the shutter manufacturer only. These roller shutters shall be durable, maintenance free, weather and corrosion resistant.

Preferable make (Shutters): MCD or equivalent models from Rosenbauer/ Ziegler.

(9) For mounting on top of the appliance, one separate ladder on at the rear portion of the appliance with anti-skid round shall be provided. It shall integrated with the body and it shall be strong, firm and sturdy.

- (10) Grab-rails and non-slip steps shall be provided, wherever necessary.

(11) Two numbers of 2.5 mm diameter aluminium pipe railing, with sufficient number of aluminium double socket brackets shall be provided to the rear body over the deck.

(12) A heavy duty towing hook (Drag Hook or Eye) of adequate strength and design will be provided at the rear and front of chassis by means of nuts and bolts.

- (13) Propeller shaft shall be protected with proper guard.

(14) A suitable bumper shall be provided at the rear, rigidly fixed to the super structure members, by means of nuts and bolts, fabricated from 100 mm x 50 mm x 5 mm mild steel channel.

Electrical System

- (1) All the electrical wiring shall be of concealed type.

(2) All important electrical circuits shall have separate fuses suitably indicated and grouped into a common fuse box, which shall be located in an accessible position. Provision shall be made to carry spare fuses in this box.

(3) All lockers shall be fitted with internal individual lighting which shall be capable of being automatically switched on and off by the opening and closing of the roller shutter.

- (4) Two numbers of spot lights of 30 W (LED) shall be fitted on the rear side which can swivel horizontally.

- (5) Two numbers of quality fog lamps shall be fitted on the front of the vehicle.

(6) L.E.D. Mini Light bar (Flasher) shall be provided on both side & back top portion (3. Nos. each on Both side and 2.Nos. on the Rear). They shall be fitted integrally to the body.

(7) An electrically operated LED light bar emitting red white and blue light with siren of 1 km range and two tone hooter with public address system shall be provided. This system shall be protected with metal guard.

(8) A master switch shall provided in the driver cabin for operating the individual lights provided in the lockers, cabin and rear portion of the vehicles.

(9) The switches of the hooter, siren, light bar and public address system shall be provided on dash board in a convenient place.

- (10) Reverse lights shall be fixed on both sides.

- (11) One Pair of additional Electric Horn shall be provided.

- (12) Reverse gear indicator buzzer shall be provided.

- (13) Two Nos of Wind shield wiper shall be provided.

(14) Rear view camera shall be provided for the vehicle with 7 inch LCD screen within the cabin. The camera shall have minimum 120° field of vision with a 1/3 inch image sensor.

WORKMANSHIP AND FINISH:

- (1) On the body of the vehicle, details of chassis, engine number, year of manufacture, name of manufacturer, fabricator etc. shall be etched on a brass plate and fixed inside the driver cabin and on the rear portion.
- (2) The standard of workmanship and finish of all mechanical and other parts shall be such that the parts normally required to be replaced can be supplied and will fit in correctly.
- (3) The appliance shall be painted fire-red colour. The crew compartment & lockers shall be painted cream.
- (4) All other parts except engine shall be painted black.
- (5) Necessary anti-corrosion and priming coats shall be applied before painting.
- (6) The whole vehicle shall be painted internally and externally with one coat of zinc chromate under coat and two finishing coats.
- (7) Painting and phosphating of the chassis shall be carried out to withstand seasonal climate effects.
- (8) The words "KERALA FIRE & RESCUE SERVICES" shall be painted in letters of 10 cm height on either side of the body of vehicle in golden yellow colour paint. Same text in "Malayalam Font" shall be painted over the other side in same manner.
- (9) The name of the Department "KERALA FIRE & RESCUE SERVICES" in form of sticker in fluorescent red letter in yellow background shall be affixed on the top of the front wind screen glass.
- (10) Emblem of the Department shall be affixed on either side of the cabin front door (Model shall be provided by the Department).
- (11) 'Dial 101' shall be written on all the four sides of the vehicle on yellow background in black letters.
- (12) A high quality workmanship and the finish is expected during the fabrication and at the time of delivery of the unit.
- (13) All the sharp edges shall be grinded.
- (14) All the joints shall be even and accurate.
- (15) All the welding shall be perfect without air blows.

LADDER

An aluminium trussed type extension ladder of 7.5 meters height shall be provided with the vehicle and mounted on suitable ladder gallows. The design of the gallows shall be such that the ladder can be released without difficulty from a reasonably accessible position. Means shall be provided for locking the ladder when stowed.

Instruction Book

Instruction Book(s) for the guidance of the user, including both operating and normal maintenance procedures, shall be provided.

The book(s) shall include an itemized and illustrated spare parts list, giving reference to all the wearing parts.

The fabricator shall supply the manual (In English), repair kit and tools for all the equipment and accessories stowed in or attached to the vehicle. Illustrated books for the guidance of the user, including both operating and normal maintenance procedures, for the appliance, machinery, equipment and gadgets shall be supplied with each appliance. The books shall include itemized and illustrated spare parts list giving reference to all wearing parts.

DRAWINGS FOR APPROVAL

Drawings showing the dimensional general arrangement drawing of views, cross sections, layout of various main equipment/accessories, technical parameters etc. shall be submitted with tender. The fabrication shall be started only after getting the approval of drawings, from the Department.

SCOPE FOR REPAIR WORK AND TRAINING

- (1) The fabricator shall conduct classes and demonstrations to the departmental personnel regarding the working of vehicle and equipment and accessories attached to the vehicles as and when required by the department, at fabricator cost.
- (2) All necessary working tools and set of special tools required for maintenance of the appliance shall be supplied. Spare parts catalogue & test certificates shall be provided with appliance.

INSPECTION

Stage inspection shall be conducted on completion of each stage of fabrication. After the completion of each stage the fabricator shall report the matter to the department. Only after the inspection of one stage and a clearance is obtained from the department, the work to next stage shall be started. Inspection shall be done at the following stages.

Stage I: Structural framework ready, but panelling not started.

In this stage, the inspection team will check whether the quality and dimensions of the fabrication material including square tubes and channels are as per specification.

Stage II: Panelling complete but not painted, all equipment and appliances ready but not mounted.

In this stage the inspection board will check the body fabrication and working of the equipment to be stowed. The board will also check whether the equipments are as per the specification.

Stage III: Final stage inspection.

Fabrication completed, all equipments mounted in position and safely fastened.

ACCEPTANCE TESTS:

- (1) Road test/stability test shall be carried out as per standard practice.
- (2) Practical demonstration of all rescue tools, machineries, gadgets, equipments etc.
- (3) Test certificate shall be submitted for all equipments as applicable.

Stability :

The stability of the appliance shall be such that when under fully equipped and loaded conditions (but excluding crew), if the surface on which the appliance stands is tilted to either side, the point at which overturning occurs is not passed at an angle of 27.5° from the horizontal.

ALTERNATOR UNIT

A reputed make, 230 V, 50 cycle alternator of rated output with 5.5 KVA at 0.8 power factor with its independent Petrol Driven engine shall be provided. The starting mechanism should be both electric and cord pull over ride. Three cable reels each with 30 m of cable shall be provided. The cable shall be a 3-core heavy duty flexible cord 250 V grade having a conductor of cross-section 4 mm(128/0.20 mm) conforming to IS 9968 (Part 1 or 2) or IS 694.

It should have a panel board which shall be mounted near the generator and shall consist of the following:

- (a) Three sockets (plugs) and switches (MCB's) with single phase connections of minimum 20 A capacity;
- (b) Four sockets (plugs) and switches (MCB's) with single phase connections of minimum 10 A capacity
- (c) KW meter — 1 No.
- (d) 32 A TPN MCB—1 No.
- (e) Earthing: The equipment shall have arrangement for earthing.

Preferable make: Honda EU 70IS**CABLE WINCH**

An electrical/hydraulically operated cable winch of 6 ton capacity should be provided. The winch unit should be complete with compatible HP, dc series wound electric reversible motor(with good quality & reputed make) for increased pulling power, rope drum, and 27 m heavy duty galvanized EIPS wire rope with replaceable self-locking clevis hook and should be mounted on the front bumper of the vehicle with suitable strong support.

SCHEDULE OF OTHER EQUIPMENTS TO BE CARRIED ON THE APPLIANCE

<i>Sl. No.</i>	<i>Item</i>	<i>No. required</i>	<i>Remarks</i>
(1)	(2)	(3)	(4)
1	Breathing apparatus, positive pressure type each with 1 spare cylinder	2 Nos.	Specification appended
2	Protective suits (Chemical)	2 Nos.	Specification appended
3	Multi gas Detector	1 No	Specification appended
4	Safety Belt-	3 Nos.	Specification appended
5	Goggles with dark glasses	4 pairs	
6	Chain (lifting 5 ton, complete with end rings and shackles) 2 metre	2 Nos.	
7	Tarpaulin 3.5m×3.5 m	2 Nos.	Bearing ISI mark
8	Portable, electric drill with different size spare bits, 220v	1 Set	8.5 Amp 1/2" 2-Speed Hamer Drill Driver Preferable make Bosch HD18-2 New or equivalent
9	Set of keys and securing plate for passenger lift	1 Set.	Universal lift Key
10	Fire hook (IS 927)	1 No.	
11	Rope 1"dia.-Poly propylene 30 m length	1 No.	
12	50 m long 16 mm diameter kernmantle rope	2 lengths	
13	Spades with handle	2 Nos.	
14	Shovel with handle	2 Nos.	
15	Mattocks with handle	2 Nos.	
16	Pick Axe with handle	2 Nos.	
17	Felling Axes	2 Nos.	
18	Crow bars		
	20 mm. dia 1.5 m long 25 mm. dia 2 m long	1 each.	
19	Sledge hammer with handle 10 kg	1 No.	
20	Rake, 3 prong (with 2 m wooden handle)	1No.	
21	Rubber, gloves tested to 25000 V (see IS 4770)	2 pair	
22	Shears, bolt cropper, large with handle, 900 mm	1 No.	
23	Shears, bolt cropper, small with handle 600 mm	1 No.	
24	Fireman's axe with carrying pouch. tested to 20000 V	3 Nos.	IS 926
25	Pneumatic Leak Sealing kit	1 Set	Specification appended
26	4 Nos. Retro Reflective Traffic Cone with reusable cordon off tape bundles 200 metres	1 Set	
27	Electrically operated chain saw	1 No.	Power Input : not less than 2.3 kW Voltage : 230 V Chain Bar Length : 500 mm Chain Pitch : 3/8" Weight : Not more than 5 Kg. Spare chain : 3 numbers Preferable make : STIHL MSE 230 C-BQ

(1)	(2)	(3)	(4)
28	Petrol engine operated chain saw	2 Nos.	Power output : Not Less than 3.9 Kw Chain Bar Length:400mm, Weight : Not more than 6.6 Kg. <i>Spare chain : 3 numbers</i> Preferable make : STIHL MS382
29	Petrol engine operated chain saw	1 No.	Power output : Not less than 2.2 Kw Chain Bar Length : 300mm Weight:Not more than 5 Kg. <i>Spare chain : 3 numbers</i> Preferable make : STIHL MS 250
30	Concrete breaker 24 J	1 No.	Preferable make : BOSCH/MAKITA/HITACHI
31	High Pressure Pneumatic lifting bags	1 set	Specification appended
32	Rope net 5 X 5 M (For safe Jumping rescue)	2 Nos.	Material :Nylon Mesh size: 5 x 5 cm Net rope size : 6 to 8mm Border rope of Suitable size should be provided.
33	Hydraulic rescue tools : Hydraulic spreader,Hydraulic cutter, Hydraulic combi tool, Hydraulic ram with hydraulic power pack and accessories	1 No.	Specification appended
34	Search light (Rechargeable) LED	2 Nos.	Bulb 3.7W Range above 1700 metres, Operating time Not less than 14 Hrs. Preferable make : Britelite or any other reputed make.
35	Glass breaker with seat belt cutter	1 No.	Should have double headed glass breaker and a seat belt cutting blade that shall be preferably safe in the base of the handle so that it does the job safely.
36	Wireless walkie-talkie sets (Portable Radio with complete accessories and spare battery)	4 sets	Should be intrinsically safe preferable make: VHF XIRP8668 IS-Motorola Digital Intrinsically Safe
37	Loud hailer/ Mega phone Preferable make : AHUJA	1 No.	Power output: Not less than 20w Microphone should be hand held type operation must form Rechargeable car battery (battery to be included)
38	A C detector	1 No.	Preferable Make-Fluke or Equivalent
39	Portable Inflatable Tower Light	1 No.	Weight:Not more than 50 Kg Engine:4 stroke petrol, Generator:1.2 KVA One 400w High pressure Metal Halide (HPMH) lamp to give 42000 lumens. shall be mounted inside the balloon at the top end such that it goes up/down while inflation and deflation. Balloon height in inflated condition shall be 4.5-5meter from base plate. Preferable Make- ASKA or Equivalent.

(1)	(2)	(3)	(4)
40	Exhaust Blower (Ventilator) — petrol motor driven	1 No.	Engine 4Hp-4Stroke, Air Flow 4,500-4750 Cu Ft/Min., Size 400, 500, 600 (Max) Spiral Duct: Length-20 Mtr. (Min), shall be durable, long lasting, with adaptor for attaching to the machine, on either the positive pressure or negative pressure end.
41	Portable Electric Angle Grinder	1 No.	Rated input power: 2400 W No-load speed: 8,500 rpm Disc Diameter 180mm Weight (Approx.)- 5kg preferable Make-Bosch GWS 24-180 Professional or equivalent.
42	Portable Electric Angle Grinder	1 No.	Rated input power: 750W No-load speed: 11000 rpm Disc Diameter- 100mm weight (Approx.)- 2kg preferable make bosch GWS 750-100 professional or equivalent
43	Reciprocating saw	2 Nos.	Power not less than 1500 W Stroke not less than 32 mm Stroke per minute not less than 2500 Weight not less than 5 Kg. Accessories carrying bag, cutting blades of 3 types wood, metal and steel (3 pieces each)
44	Decontamination Chemical Compound 5 Kg	1 No.	Perferable Make ASKA FAST ACT or Equivalent
45	Portable and foldable table with 2 chairs	1 No.	Table size not less than L 120 cm, B 60 cm H 75 cm; Chair size not less than L 85 cm, B 40 cm H 40 cm Aluminium material with water proofing.
46	Aluminium Cat Ladder	1 No.	Length 6 Feet

SPECIFICATION FOR EQUIPMENT

Breathing apparatus set -With 1 Spare Cylinders Each

<i>Sl. No.</i>	<i>Details</i>	<i>Description</i>
(1)	(2)	(3)
1	General requirements:	The set shall be self-contained open circuit type compressed air breathing apparatus set fully confirming to EN-137 CLASS II: 2006 standards. The equipment shall be suitable for all fire fighting and rescue purposes. The BA set should contain self-contained air cylinder, back plate, face mask lung demand regulator, pressure reducing valve, hose, warning whistle unit. The maximum duration - Not less than 45 minutes.
2	Air Cylinder	The cylinder should be PESO India/CCOE approved and certificate to the effect shall be submitted. The air cylinder capacity of 6-8 liters Capacity -minimum 1800 liters @ of 300 bar. The cylinder of the set should be made of light weight composite cylinders with aluminium liners wrapped in carbon with a glass over wrap and surface should be resin finished.
3	Cylinder Valve	The cylinder shall be supplied with valve made of nickel plated brass and shall comply with EN 144 II. A test certificate from an authorized test lab should be produced. The design of the valve shall be such that it shall be protected against blockage and shall avoid transmission of particulate matter that may be contained in the compressed air.

(1)	(2)	(3)
4	Full Vision Face Mask	The face mask shall have reflex sealing, speech diaphragm, inner mask, neck strap, five finger head band with lung demand valve. The side sealing of the face mask shall be gas tight and shall be possible to fit the face mask on almost all face counters. The visor fitted on the face mask shall be made from scratch proof poly carbonate with maximum view to the wearer and shall have demisting characteristics. It should have the approval of the latest EN136 Clause 3 and should have CE mark of conformity.
5	Pressure Reducer	The pressure reducer valve shall reduce the pressure from 300 Bar to 8- 10 Bar. The pressure reducer valve shall have a high pressure outlet and a low Pressure outlet. The high pressure outlet shall be connected to pressure gauge and warning system and the low pressure outlet shall be connected to Lung Demand Valve. The pressure reducer valve shall comply with the entire safety requirement stipulated under EN- 137.
6	Lung Demand Valve	The set shall be provided with plug-in, quick removable type lung demand valve with a hose having a quick connect coupling, connected to the low pressure side of pressure reducing valve.
7	Back Plate	The back plate of BA set shall be glass reinforce polyamide to with stand high heat and flames and automatically shaped to give a comfortable distribution of masses & remain steady on the user's back even when crouching or crawling. It should have soft padded harness made of flame retardant fabric, water repellent materials, Extra secure fasteners are made for quick on and off. The back plate should be approved to EN 137 class II and CE marked and designed to accept cylinder having diameter from 110 mm to 170mm. Strong Carrying handle should be provided.
8	Warning Whistle	Low Pressure Warning Whistle: BA set must be provided with low pressure warning whistle, which shall operate automatically and alarm the wearer, when cylinder pressure drops to a predetermined pressure for safety margins.
9	Pressure Gauge	Water proof pressure gauge having luminous dial reading up to 400 bars should be positioned in such a way that it can be read by BA wearer conveniently. It should be mounted in stainless steel case having corrosion resistance and protected by rubber cover. Gauge dial should be photo luminescent and shatter proof polycarbonate glass.
10	Carrying Case	A strong carrying case to store complete assembled BA set along with BA cylinder should be provided. It should be designed in such a way that all parts of the assembled set could be placed in its proper position.
11	Instruction Book	An instruction book in English, for the guidance of the user including both operating and normal maintenance procedure must be supplied. The book must include an itemized and illustrated spare parts list, giving reference numbers to all parts.
12	Spares	Supplier shall ensure availability and supply of fast moving spares at short notice for at least five years.
13	Preferable make	Draeger/MSA/Honey well/scott

Protective suit (Chemical)

Technical requirements—The required TYPE 1 / level A gas tight chemical protective suits shall be used during work in incidents where there are chemical substances / gases leakage.

(1) The Suit shall be fully encapsulating Type 1/level A gas tight suit covering both the wearer and the breathing apparatus.

(2) It should have the latest technology in both fabric and suit design and should be compatible with any manufacturer's breathing apparatus.

(3) The suit shall be gas tight and approved as per EN 943-2 Type 1A- Reusable.

(4) For emergency team the fabric of the suit should be of HIGH VISIBLE colour, HIGH PERFORMANCE CHEMICAL BARRIER material which is puncture resistant, high strength, high tear resistant and 100% non woven and should be CE marked to the latest standard [EN 943- 2, Protective clothing against liquid and gaseous chemicals, including liquid aerosols and solid particles. Performance requirement for "gas-tight" [Type 1 chemical protective suits for emergency teams (ET)]].

(5) The suit shall be light weight and flexible multi layer high performance chemical barrier fabric.

(6) The suit shall have wide chemical resistance and mechanically strong visor providing clear undistorted vision.

(7) The suit should be one piece protective suit with sewn seams taped on both inside and outside for maximum performance with adjustable internal support belt and "Bat-Wing" sleeves for providing ease of movement within the suit allowing the wearer to withdraw his arm to attend to his breathing apparatus and give optimal wearer comfort along with the replaceable dual glove system.

(8) The suit should be fitted with detachable / replaceable chemically resistant safety boots with steel toecap and midsole. The boots should be certified to EN-ISO 20345-1, EN 20345 -1 , EN 13287, EN 943-2, EN 13832 and NEPA 1991 or equivalent.

(9) The main features of the boots to include Steel Toecap, Slip resistant Sole, Injection moulded seamless construction, Non absorbent polyester lining, Kick off lug for easy removal. Energy absorbing Tunnel System, Stainless steel midsole. Shall be oil resistant Rubber out sole for superior grip and Antistatic.

(10) The suit should include a back pod to accommodate the wearing of self contained breathing apparatus [SCBA].

(11) The suit shall have double glazed anti mist visor giving clear undistorted vision. The mechanical strength of the visor conforms to EN 146:1991 or equivalent, resists chemical permeation for the substances listed in the European Standard EN 943-2:2002 for more than 480 minutes.

(12) The suit should have two exhale valves to the rear of the hood to ensure the pressure within the suit does not exceed 4m bar.

(13) The suit should have heavy duty gas tight zip fitted to right hand side of suit, closing at bottom shrouded by double outer storm flaps with a Velcro closure.

(14) The suit shall have five fingered dual gloves assembly comprising lined Neoprene outer gloves providing a high level of mechanical strength, with bonded silver shield chemical barrier laminated gloves on the inside, with the locking cuff mechanism allowing the replacement of the gloves.

(15) The Suit should have internal fitting of adjustable internal support belt to enable wearers of varying sizes to comfortably use the suit and two blank external fittings for waist belt support.

(16) Every suit shall be accompanied with the hard box/case made of PVC or other similar material of suitable sizes, as to secure the proper handling and storing, grease for the zipper, a users manual for storing, Maintaining and repairing in English language.

(17) The temperature range of the fabric should be -70 degree centigrade to 90 degree centigrade.

(18) The fabric should not brittle or fracture after immersion in liquid nitrogen [-196° C] for 1 hour.

(19) The breakthrough time in Chlorine Gas and Liquid should be above 480 min.

(20) All relevant certificates shall be furnished along with the product.

(21) Preferable Make: MSA, AUER, RESPIRAX, DRAEGAR, TRIELLBORG or equivalent.

Multi gas Detector**1. General**

(a) The requirement is for an electronic portable 5-gas detector that simultaneously and continuously measures the combustible gases, oxygen and toxic gases in the ambient air. When the gas concentration exceeds the preset alarm level, it shall provide both audible and visual alarm. It shall be capable of detecting the following gases:

- (i) Explosive gases- 0 to 100% LEL using catalytic Ex sensor with 1 % resolution.
- (ii) Carbon Monoxide- 0 to 1000 ppm using electrochemical sensor with 1 ppm resolution.
- (iii) Hydrogen Sulphide-0 to 100 ppm using electrochemical sensor with 0.1 PPM resolution
- (iv) Oxygen- 0 to 25 Vol. % using electrochemical sensor with 0.1% resolution
- (v) Sulphur dioxide- 0.1 to 100 ppm with 0.1 ppm resolution

(b) This detector must have gas sensors that are intelligent and have interchangeable capability that allows you to add or switch to a different gas sensor at a later time.

2. Description

(a) The gas detector must be portable and include rechargeable interchangeable Lithium-ion and alkaline battery packs. It shall come with the following accessories;

- (i) Universal battery charging set, comprising of the charging module and the single charger
- (ii) Special antistatic sampling hose of up to 3 meters in length with filter for water and dust integrated in the external pump.
- (iii) Flexible goose neck probe for leak detection.
- (iv) Leather carrying case for portable gas detector with pre-cut foam for keeping and transporting.

(b) The portable gas detector shall be fully equipped with all the sensors to detect all 5 gases at the same time. It shall come with an external sample collecting device and it should be robust and comfortable for the users;

3. Technical requirement

(a) The portable gas detector shall be equipped with an external sampling pump, which is capable of drawing the gas to be measured through a hose length of up to 20 m/65.6 ft. in depth. Warning should be provided when blockage by water, dust or foreign particles while sampling.

(b) The digital display shall be in liquid crystal display and it should show simultaneously the gas being measured, real time gas concentration, the measuring units, gas alarm, status and low battery status.

(c) The portable gas detector shall be capable of performing on board diagnostic continuously and automatically to ensure fail safe operation. If a failure should occur with the electronics the battery or the gas sensors, the user must be informed immediately with a clear fault alarm and indication on the display.

(d) The acoustic alarm shall be that of a multi-frequency tone alarm with volume that shall exceed 90dB at a distance of 30 cm from the instrument. The optical alarm shall be bright and visible

(e) The instrument housing shall be made durable with an integrated rubber boot for accidental dropping from a height of 1 meter.

(f) The portable gas detector shall be suitable for use in environmental condition with temperature ranging from -20° to 50° C and relative humidity ranging from 10-95% non-condensing.

(g) The protection class for dust and water ingress must be IP67.

(h) The portable instrument shall come equipped with a data logger that has a storage capacity of recording approx. 1000 hours based on a one minute interval. The storage interval of 1/10/30 sec. or 1/2/5/10/30 min. can be selected by the user. The data in the instrument shall be transmitted to a PC and can be evaluated by a software program.

(i) The portable gas detector shall be powered by a rechargeable battery pack that is capable of providing up to 12 hours. The max. operation time of the external pump shall be up to 30 hours.

(j) Each portable gas detector shall be provided with a single universal battery charging set.

(k) All certificates shall be attached.

(l) The equipment shall be calibrated for the above mentioned 5 gases. Further a list of equipment and materials with detail technical information and their unit prices, required for the calibration of the portable gas detector shall be submitted.

(m) All additional accessories required for operations of the portable gas detector must be supplied along with the equipment.

4. *Instruction and Service Manual*

Comprehensive and easy to read manuals shall be provided with the portable gas detector. These are:

- (a) An instruction manual which cover the description and the operational procedure for the user.
- (b) A technical handbook which cover the specifications, calibration procedures and the maintenance procedures.
- (c) A list of the consumable parts.
- (d) Calibration shall be done Free of cost for the entire warranty period.
- (e) The Multi Gas Detector should have a minimum warranty of three years.

Approval:—The portable multi gas detector shall be CE certified and document shall be submitted as and when required.

Safety Belt

1. It shall conform to EN 361 : 2002, EN 358 : 2000 & EN 813 and shall be CE Certified.
2. It should be of full body harness in catchy colours.
3. It should be equipped with unique features that provide full comfort and ergonomics to the wearer.
4. Attachment elements such as 1 Dorsal D ring for fall arrest, Ventral D ring at waist level in front for rope access and 2 lateral D rings at waist level on the sides for work positioning shall be provided.
5. It shall be provided with adjustable shoulder, thigh-strap and waist belt.
6. It shall have an ideal combination of fall arrest, Rescue and Rope access application.
7. There shall be Karabiner at front of harness which enables the wearer to easily wear or remove the harness by detaching the shoulder strap.
8. Warranty of Minimum 2 years shall be provided.

Leakage Arrester Kit— 1No.

Hazmat Pneumatic leak sealing bandages set.

This shall be pneumatically operated bandage which will first arrest the leak using ratchet and belt arrangement after wrapping arrangement and then by inflation of the bandage.

- (a) Two bag shall be supplied in the set for use in pipes with diameter 5-48cm.
- (b) The sizes of the bags shall be minimum 98 x 21cm. and 177 x 21cm. respectively.
- (c) Sealing area shall be minimum 19cm. wide.
- (d) Belt shall be fitted directly on the bag with ratchet.
- (e) It shall be able to withstand a counter pressure up to 1.4 bar.
- (f) The set shall be supplied with inflation hoses 1.5 bar—controllers 1.5 bar and foot pump for inflation.
- (g) Ratchet with Nylon Strap having width—Not less than 35mm., Length—Not less than 20 m.
- (h) The leak sealing system shall have CE or equivalent certification and document shall be submitted at the time of presentation after technical bid opening.

The material of construction of the bag shall have excellent abrasion resistance good dielectric properties—resistance to acids—resistance to solvents like aliphatic hydrocarbons—aromatic hydrocarbons—oxygenic solvents— paint solvents etc. It shall also have resistance to swelling in lubricant oils, mineral oils and fuels—ozone—sunlight heat and ageing—heat aging—flames high temperatures and cold.

High Pressure Pneumatic Lifting Bags

1. General

1. The manufacturing company of Pneumatic Lifting Bags should be certified ISO 9001 company.
2. The Pneumatic Lifting Bags should be portable and light-weight, and should be in set form, consisting of bags, hose assemblies pressure gauges, pressure reducers, safety valve, air bottle connector and controller.
3. The Pneumatic Lifting Bags should be in single and the lifting capacities should be of 20 ton, 40 ton and 67 ton at 8-bar air pressure. The lifting capacity on higher side by 10% is allowed than the specified loads.
4. The Pneumatic Lifting Bags and its accessories should comply with all the requirements stipulated under EN 13731. The copy of the EN certificate must be enclosed with the tender.
5. The Pneumatic Lifting Bags should be type tested for artificial aging, 34 bar bursting pressure, dynamic fatigue loading, impact test, impulse loading, drop test, piercing test and abrasion test and certificate to that effect should be attached with tender.
6. Each Pneumatic (air) Lifting Bags should be constructed of Kevlar reinforced nitrile rubber with 3 layers aramid reinforcement covering the entire top and bottom surface of each lifting bag.
7. Each Pneumatic Lifting Bags should be equipped with brass valve connection 1/8" NPT internal thread and vulcanized into the reinforced corner of bag to which a male connector of quick connect coupling should be threaded in. This male connector should be replaceable if it gets damaged.
8. Each Pneumatic Lifting Bags should have a centre mark moulded into both sides of the lifting bags to centralize the bags when used in multiples. It should have reflective markings on the corners for easy identification when operating in the dark areas.
9. The lifting bags should have an inter locking non skid surface moulded into each side of the bags. A separate non skid ply which has been vulcanized separately is not acceptable.
10. The bags should be provided with a warning and information labels. The information and the warning labels must be in English language and in pictograms for clear understanding. Also it should be marked with date of manufacturer and serial number in such a way that they cannot be erased without damaging the surface. Reflective stickers should be provided on all corners of the bags and a yellow centring cross should be marked in the centre of the bag.
11. The insertion height of deflated lifting bag should not be more than 25 mm.
12. The Pneumatic Lifting Bags should have maximum working pressure of 8 bar and minimum bursting pressure of 32 bar.
13. The air bags should be chemical and some ozone resistant with carrying straps attached to 40 and 67 ton bags.
14. The Pneumatic Lifting Bags should be able to use in a temp. Range of -30° c to +80° c.
15. Each set of air bags should be supplied with following accessories.
16. Dual Dead man controller 8 bar, housed in a plastic housing with pressure gauge, pressure relief valve and quick connect couplings. This controller should be suitable to inflate two bags at a time.
17. Pressure regulator 200/300 bar with finger tight connector and 2 mts Hose with couplings.
18. Inflation hoses should be polyester or thermo plastic of 10 meter length 2 nos, in different colours with suitable couplings to both side to connect Dead man controller and air bags.
19. Shut-off hose with safety valve.

2. Technical Specifications of Air Bags:

Description	40 Ton	67 Ton
Working Pressure	8 bar	8 bar
Capacity (min)	40 ton	67 ton
Insertion height	Max. 25 mm	Max. 25 mm
Lifting height	Min. 400mm	Min. 450mm
Dimensions(Approx)	780×800mm	850×850mm
Weight(Approx)	16 Kg	18 Kg

3. Lifting Height And Capacities

The tenderer must give the lifting capacities of each bag at various height at interval of 25 mm in numerical as well as graphical form along with tender.

4. Pressure Regulator.

1. The Pressure Regulator should be capable of reducing the pressure form 300 bar to 8 bar.
2. The Pressure Regulator should be provided with threaded quick connect couplings suitable to fit to normal BA air cylinder by hand without the use of any spanner.
3. The pressure regulator should be provided with two pressure gauges of suitable capacity to show the air pressure in the cylinder and set pressure.
4. The pressure regulator should be provided with pressure settings knob and safety valve with 2 mts. Hose with couplings to connect to Dual Dead man controller.

5. Dual Deaman Controller

1. The controller should be suitable to inflate two airlifting bags at a time.
2. All the air valves, pressure gauges, pressure relief valve, safety valve should be housed in a ergonomically designed plastic housing.
3. Each control lever should be dead man type and should be capable of being raised held and lowered by means of control lever.
4. The Pressure gauge should be provided for individual air outlet line with a Red line set at a 8 bar.

6. Hoses

1. All the hoses should be equipped with a quick connect/disconnecting male and female couplings, compatible with entire air lifting bag system.
2. The hoses should be minimum working pressure of 16 bar and should be capable of using temp. range of - 40^o c to + 80^o c.
3. The hoses should be either of polyester or thermo plastic material.
4. The hoses should be resistant to Ultra Violet Light, change of colour, stress or cracking.
5. Two shut off hoses with built in safely valve should be provided to release the pressure between 8.5 bar and 10 bar.

One set of airbags will comprise of the following:—

<i>Sl. No.</i>	<i>Description</i>	<i>Quantity</i>
1	Lifting Bag 40 tons capacity	1 no.
2	Lifting Bag 67 tons capacity	1 no.
3	Pressure reducer	1 no.
4	Dual Controller with pressure gauges	1 no.
5	Air Hose 5 mtrs. with couplings	2 nos.
6	Air Hose 10 mts. with couplings	2 nos.
7	Single control Unit	4 nos.
8	Shut off hose with safety valve	4 nos.
9	Connection piece to connect two air cylinder	2 nos.

Operation And Maintenance Manual: The manufacturer should supply operation and maintenance manual with each set in English language

Guarantee : The manufacturer should be give the guarantee of min 24 calendar months from the date of supply of goods against any manufacturing defects.

TECHNICAL SPECIFICATION FOR HYDRAULIC RESCUE TOOLS

General Requirement:—

- The Hydraulic Rescue tools shall be portable and light-weight, and shall be suitable to use by one man. The Hydraulic Rescue tools shall be supplied in set form, consist of main equipment like spreader, cutter, Combi tool, telescopic ram, hoses, power pack and manual pump along with all the accessories.
- The Hydraulic Rescue tools and its accessories shall comply with all the requirements stipulated under EN13204 or equivalent national / international standards (Certificates to be produced).
- For the safety of the operators, victims and bystanders, the tools shall be powered by non-toxic, mineral based hydraulic oil. Any toxic fluid shall not be used.
- All pressure hoses shall have a safety factor of not less than 4 times the maximum working pressure. All hoses shall be provided with anti kink springs with the non-kinking one hose system.
- All tools, hoses and pumps shall be equipped with compact, non-drip, quick-connect couplings fast and easy connection. All female couplers shall be equipped with automatic self-locking to prevent accidental disconnection. The couplers would have 360 degrees free movement for easy uncoiling.
- The hydraulic rescue tools shall be designed to withstand a test pressure of two times their maximum working pressure. Each tool has to be equipped with two internal safety valves for protection against any type of mechanical or hydraulic overload for each cylinder and each tool shall have a separate safety valve for protection against overpressure, in case one of the return couplers is disconnected.
- All hydraulic rescue tools shall be equipped with automatic devices to hold any load in any position when the control valve is in neutral position, or in cases of disconnected couplers or sudden pressure drops.
- The cutters and spreaders shall be provided with a non-slip carrying handle. The carrying handle would be mounted in such a way that the tool is fully balanced, even when the tool is picked up with one hand. The position of the carrying handle and the control handle shall allow easy operation for right handed as well as left handed operators.
- Hydraulic rescue tools shall be provided with, double acting hydraulic cylinder with a dead man's type control and shall be able to operate with one hand by the operator in any position.
- The tools shall be provided with one hose having pressure line and return line within the same hose. The hoses shall be fitted in the centre of the control handle through a mono coupling, to avoid personal harm in case of leakage. The hose shall allow full 360° rotation and shall be equipped with anti-kink springs over the entire length.
- The tool body, yokes, and spreader arms shall be made out of high quality aluminium alloy for solid construction with low weight. All aluminium alloy parts shall be ANODISED as a protection against corrosion and scratching. All hinge pins, levers and cutter blades shall be made out of high tensile (heat treated) tool steel and blackened as protection against corrosion.
- The construction of the tool should be so as to allow its use under water for long periods without the risk of any material damage to any part of the tool.
- Chain attachment with accessories from the OEM should be supplied with tool set.
- All hydraulic tools, pumps, hoses and accessories would be fully operational for loner periods at temperatures ranging from -5° to 50°C
- The tools shall be supplied with proper operation/safety instruction manuals (in English), according to the CE, NFPA or equivalent standards. Operation and safety instructions shall be on the tools and shall be in pictogram style so that they can be understood by all operators easily.

The tools should be as follows:—

HYDRAULIC POWER PACK (PETROL ENGINE OPERATED)

- The petrol driven hydraulic power pack shall be capable of powering tools independently and have connection possibility for additional tools. For this purpose the pump shall be provided with separate connecting valves, incorporating a manually operated pressure release valve. The valve shall have two positions, operation or neutral. Even when under full pressure the release valve should be easy to operate and to release the pressure. The hydraulic pump shall be driven by a 4-cycle, single cylinder, air cooled petrol engine. The power of the engine shall be sufficient to drive the hydraulic pump to give output sufficient to operate the two tools simultaneously without reduction in the speed.
- Hydraulic power pack should have TURBO—FUNCTION - With this the operator can double the oil flow to one tool in order to work twice as fast.
- The petrol tank capacity shall be such that, it shall allow the engine to run for minimum one hour when the tools are in continuous operation.
- The starting system of the engine shall be hand recoil type and the starting rope shall wound automatically in, when released.
- The engine and the pump shall be mounted on suitable tubular carrying frame with integrated carrying handle.
- Suitable gauges shall be provided to find out the quantity of fuel and hydraulic oil in the power pack and same shall be easily accessible. The provision shall also be made to refill the petrol and hydraulic oil through wide filling opening which shall be covered with threaded cap.
- All the hot parts of the power pack shall be properly shielded to avoid possibility of injury to the operator.
- All the controls on the power pack shall be easily accessible and properly labelled in English language.
- The weight of the power pack including hydraulic oil and fuel shall not be more than 30 kgs.
- The power pack shall be provided with 2 or 3 stage - axial / radial piston pump. Each pump shall be protected with internal safety valves for factory set at a suitable maximum pressure.
- The capacity of hydraulic oil tank shall be sufficient to operate two tools (including RAMS) simultaneously.
- High quality 'Thermo Plastic' hose of 10 mtrs. in length for pressure and return line with quick connect couplings suitable to connect power pack and tools shall be supplied with the pump. Total 2 sets of hoses of 10 mtr. each shall be supplied with the pump.
- The pump shall have capacity to allow the ram to reach full extension since Rams use more hydraulic fluid during operation than spreader-cutters.
- Other requirement shall be as given below:

Engine	:	Petrol engine
Pump	:	2 or 3 stage Axial/radial piston Pump
No. of tools to be operated simultaneously	:	Min. Two
No. of tools that can be connected	:	Min. Two

CUTTER:

- The cutter shall be double acting hydraulically operated device of light weight construction made of anti-corrosive high strength material. The cutter shall be capable of cutting various sections such as solid ground bar hollow round bar, flat section, square tube, rectangular tube etc. It should also be enough to cut the door pillars of new generation cars. A male connector shall be fitted to the tool to connect the hose.
- The cutter blade shall be parrot type, the cutting blades shall be of shock resistant non corroding alloy steel, hardened and shall be exchangeable and re grindable.
- The cutter shall have following specifications:

Blade opening—More than 180 mm

Cutting force—Not less than 900 KN

The performance rating of the equipment shall conform to NFPA

A9, B9, C9, D9 & E9 of 6.13.1 of NFPA 1936 or equivalent standards.

SPREADER:

- The spreader shall be double acting hydraulically operated device, of light weight construction made of anti corrosive high strength material capable of being lifted, and operated manually with ease.
- The spreader would be capable of spreading; and pulling with the combination of chains. A male connector shall be fitted to the tool to connect the hose.
- The spreader shall be provided with spreading tips made of fully hardened, high tensile tool steel with proper serrations outside and inside for a perfect grip during spreading as well as squeezing operation. The tips shall be mounted on the spreader arms by means of a quick locking system. This quick lock system shall provide the possibility to change the spreading tips for pulling adaptors with single hand without loosening any parts and without the need for extra tools.
- Chain attachment to be supplied along with the tool.

Max. Spreading distance—Greater than or equal to 600 mm

Min. Spreading force—Not less than 50 KN

COMBITOOL:

The Combi Tool shall be double acting hydraulically operated device, of light weight construction made of anti corrosive high strength material capable of being lifted, and operated manually with ease.

- The Combi Tool shall be provided with spreading tips made of fully hardened, high tensile tool steel with proper serrations outside and inside for a perfect grip during spreading as well as squeezing operation. The tips shall be mounted on the arms by means of a quick locking system. This quick lock system shall provide the possibility to change the spreading tips for cutting tips or pulling adaptors with single hand without loosening any parts and without the need for extra tools.

Cutting force—Not less than 800 KN

Spreading distance—Not less than 350 mm

Weight—Not more than 20 kg

The performance rating of the equipment shall conform to NFPA A7, B9, C7, D9 & E9 of 6.13.1 of NFPA 1936 or equivalent standards.

RAM:

It should be compact, powerful and ensure high performances. The equipment should allow for faster, more efficient tool placement. The handle shall be deadman's type with accurate spring return to neutral position and the max. rotation to the right and to the left shall be less than 30°. It should 2 stage telescopic type.

The Ram shall be a hydraulically operated device of light weight, made of anti corrosive high strength material capable of being lifted, and operated manually with ease. The RAM would be capable of spreading and pulling with the combination of chains. In the tool with two hose system the tool shall be supplied with connection hoses of 0.3 or 0.5 mtr. long and complete with coupling, dust cap and protection springs over total length. The female coupler should be of automatic self-locking system type. In the case of one hose system a male connector shall be fitted to the tool to connect the hose.

The Ram shall be provided with suitable and adequate number of accessories for lifting and pulling purpose like chains, pulleys, extension pipes etc. The type and number of accessories that are to be provided with the ram should be listed and submitted along with the offer.

Chain attachment to be supplied along with the tool.

The Ram should comply with the following specifications:

Stroke—Not less than 800 mm

Length closed—Not more than 700 mm

Length Open—Not less than 1500 mm

Weight—Not more than 22 Kg.

MANUAL PUMP :—A suitable manual and portable pumping unit shall be provided with the tool set, which can be used to operate the above specified tools easily and effectively to effect rescue operations when the hydraulic pumping unit is out of service.

TOOL KIT, OIL & INSTRUCTIONS

Necessary tool kit along with first fill of oil and operating manual should be supplied with each set of Hydraulic Rescue Tool. Additional 1 litre of Hydraulic Oil for each rescue tool set should be provided by Supplier.

COMMISSIONING SUPPORT

The supplier should provide free commissioning at site and should train the operators on use and operation, trouble shooting and normal maintenance of the Hydraulic Rescue Tool Set.

ENGINEERS TOOL KIT

Mechanical tools: Double End spanner set 6mm to 36 mm, Ring spanner set 6 mm to 36 mm Box spanner set 6 mm to 36 mm with Ratchet, T- bar and Extension Rods etc., Allen Key Set, Insulated plier 8", Screw Driver with insulated handle 8", flat/Square tip of different sizes (Flower hit), VICE GRIP PLIER: Size - 10" length (Should have teeth on both jaws made of forged steel), Cold Chisel, Adjustable Wrench 12" & 24". etc. Shall be quality products and arranged in a Metal Carry box properly.

Conditions

1. Essential documents to be submitted along with the Tender. : Pamphlets, Photograph, Drawings, CD etc.
2. Period of delivery : Within 120 days from the date of acceptance of chassis.
3. F.O.R, : Thiruvananthapuram.
4. Payment : 100% payment against delivery of Advance Rescue Tender at Thiruvananthapuram and acceptance by an acceptance committee.
5. Warranty : A Warranty of 36 months from the date of acceptance.
6. Other Special Conditions
 1. EMD-1% of PAC in online payment.
 2. Security deposit 5 % of total contract amount to be furnished as mentioned in the Notice Inviting E-Tender, which will be released after the expiry of the warrantee period.
 3. Any firm whose proprietor, Partner or Director is involved in a Vigilance Case has been charge sheeted and pending trial at court in connection with fabrication/ supply of similar product made earlier to this Department/ Kerala Government are not eligible to participate and shall be barred from participating in this tender.
 4. The tenderers should produce latest solvency certificate of Rs. 3 Crores or more and should have an average annual turnover of Rs. 2 Crores for the last 3 Years.
 5. Anybody attempting to offer bribe or otherwise influence in any manner the officials of the Kerala Fire and Rescue Services or its supervisory levels in the Government will be disqualified.
 6. The bidder should have sufficient previous experience in fabricating DCP Tender and the copies of supply order for fabricating DCP Tender placed by States, Union Territories, and Public Sector Undertakings for previous years should be produced in support.
 7. On receipt of the chassis, the tenderer should provide Insurance cover for the Kerala Govt. property for an amount equal to the cost of total number of chassis for fire, damages due to other natural or manmade calamities and theft.
 8. Renewal of temporary registration processes shall be performed by the fabricator at their own expense. A valid Temporary Registration Certificate (T.P) Shall be produced before the department at the time of delivery.
 9. The vendor shall be responsible for the maintenance of the Advance Rescue Tender for any defects or damages to vehicle due to bad workmanship or of any inferior material, accessories, apparatuses etc.
 10. After accepting the chassis by the fabricator and till such time the completed vehicle is delivered to the KFRS, it shall be the vendor's responsibility to protect the chassis from damage, accident, pilferage etc.
 11. Any modification like Welding, drilling etc. on framework of chassis should be done as per the guidelines given by the chassis manufacturer. The vendor should submit load distribution chart on axles before starting the fabrication. All axels should be loaded within the maximum permissible pay load specified by the chassis manufacturer.

Medical Education Department

ടെണ്ടർ നോട്ടീസ്

നമ്പർ എച്ച്.ഡി.എസ്/489/2019/ഗവ. റ്റി.ഡി.എം.സി. എച്ച്.

2020 ഒക്ടോബർ 19.

ആലപ്പുഴ ഗവൺമെന്റ് റ്റി. ഡി. മെഡിക്കൽ കോളേജ് ആശുപത്രി കോമ്പൗണ്ടിൽ ക്യാന്റീൻ കെട്ടിടത്തിന്റെ താഴത്തെ നിലയിൽ പ്രവർത്തിച്ചു വരുന്ന 4500 ചതുരശ്ര അടി ക്യാന്റീനും അടുക്കളയോട് ചേർന്നുള്ള ഏകദേശം 800 ചതുരശ്ര അടി അനുബന്ധ താൽക്കാലിക ഷെഡ്ഡുകളും രണ്ട് വർഷത്തേക്കുള്ള നടത്തിപ്പിനായി ഈ രംഗത്ത് പ്രമുഖ സ്ഥാപനങ്ങളിൽ പ്രവൃത്തി പരിചയമുള്ള കേരളത്തിൽ രജിസ്റ്റർ ചെയ്തിട്ടുള്ള ഏജൻസികൾ/കരാറുകാർ/സഹകരണ സ്ഥാപനങ്ങൾ/കുടുംബശ്രീകൾ എന്നിവയിൽ നിന്നും ടെണ്ടർ ക്ഷണിക്കുന്നു. വിശദ വിവരങ്ങൾ ആലപ്പുഴ ഗവൺമെന്റ് റ്റി. ഡി. മെഡിക്കൽ കോളേജ് ആശുപത്രി സൂപ്രണ്ട് ഓഫീസിൽ നിന്നും അറിയാവുന്നതാണ്.

ടെണ്ടറിന്റെ ഉദ്ദേശ്യമൂല്യം—₹ 5,00,000.

ടെണ്ടർ ഫോറത്തിന്റെ വില:

ഒറിജിനൽ—₹ 1,000 + 18% ജി.എസ്.ടി ₹ 180 (ആകെ ₹ 1,180).

ഡ്യൂപ്ലിക്കേറ്റ്—₹ 500 + 18% ജി.എസ്.ടി ₹ 90 (ആകെ ₹ 590).

ടെണ്ടർ ഫോറത്തിന്റെ വില പണമായോ ഡിമാന്റ് ഡ്രാഫ്റ്റ് മുഖേനയോ മാത്രമേ സ്വീകരിക്കുകയുള്ളൂ. പോസ്റ്റൽ ഓർഡർ, പോസ്റ്റൽ സ്റ്റാമ്പ്, ബാങ്ക് ചെക്ക് എന്നിവ മുഖേന സ്വീകരിക്കുന്നതല്ല. യാതൊരു കാരണവശാലും VPP ആയോ അഡ്വാൻസായോ ടെണ്ടർ ഫോറം നൽകുന്നതല്ല.

ടെണ്ടർ ഫോറം വിൽക്കുന്ന അവസാന തീയതിയും സമയവും—3-12-2020, 3 മണി.

ടെണ്ടർ സമർപ്പിക്കേണ്ട അവസാന തീയതിയും സമയവും—7-12-2020, 3 മണി.

ടെണ്ടർ തുറക്കുന്ന തീയതിയും സമയവും—7-12-2020, 3.30 മണി.

ടെണ്ടർ സമർപ്പിക്കേണ്ടത്—സൂപ്രണ്ട്, ഗവ. റ്റി. ഡി. മെഡിക്കൽ കോളേജ് ആശുപത്രി, വണ്ടാനം, ആലപ്പുഴ എന്ന വിലാസത്തിൽ മാത്രമായിരിക്കും.

നിബന്ധനകൾ

1. പ്രതിമാസ വാടകയിനത്തിലെ തുകയാണ് ടെണ്ടറിന്റെ ഉദ്ദേശ്യമൂല്യമായി കണക്കാക്കിയിരിക്കുന്നത്. പ്രതിമാസ വാടകയിനത്തിൽ നൽകുവാൻ ഉദ്ദേശിക്കുന്ന തുക ടെണ്ടർ ഫോമിൽ അക്കത്തിലും അക്ഷരത്തിലും വ്യക്തമായി രേഖപ്പെടുത്തിയിരിക്കണം.
2. ടെണ്ടറിൽ രേഖപ്പെടുത്തുന്ന നിരക്കിന് പുറമെ 18% ജി.എസ്.ടി. നൽകാൻ കരാറുകാരൻ ബാധ്യസ്ഥനായിരിക്കും. കുടാതെ വാടകയിനത്തിൽ നൽകുവാൻ രേഖപ്പെടുത്തുന്ന തുകയുടെ 1% നിരതദ്രവ്യം ഡിമാന്റ് ഡ്രാഫ്റ്റായി ടെണ്ടറിനൊപ്പം അടയ്ക്കേണ്ടതുമാണ്.
3. ക്യാന്റീനിലേയ്ക്ക് ആവശ്യമായ പാത്രങ്ങളും ഫർണിച്ചറും സ്വന്തം ചെലവിൽ ഉൾപ്പെടുത്തേണ്ടതാണ്.
4. ക്യാന്റീനിലുണ്ടാകുന്ന ആഹാരവശിഷ്ടങ്ങളും മാലിന്യങ്ങളും സ്വന്തം ചെലവിൽ ആശുപത്രി കോമ്പൗണ്ടിൽ നിന്നും നീക്കം ചെയ്യേണ്ടതാണ്. നീക്കം ചെയ്യുന്ന രീതി ടെണ്ടർ ഫോമിനൊപ്പം ഉള്ളടക്കം ചെയ്യേണ്ടതാണ്. യാതൊരു കാരണവശാലും മാലിന്യസംസ്കരണം ആശുപത്രി കോമ്പൗണ്ടിൽ അനുവദിക്കുന്നതല്ല.
5. ക്യാന്റീനിൽ വിതരണം ചെയ്യാൻ കഴിയുന്ന ഭക്ഷണസാധനങ്ങളുടെ ലിസ്റ്റ് പൊതുജനങ്ങൾക്കും ആശുപത്രി ജീവനക്കാർക്കും നൽകുവാൻ ഉദ്ദേശിച്ചിരിക്കുന്ന നിരക്കും ഇതോടൊപ്പം ചേർത്തിട്ടുണ്ട്. പ്രസ്തുത ലിസ്റ്റിന് ഉപരിയായി പുതിയ ഭക്ഷണസാധനങ്ങൾ വിൽക്കണമെങ്കിൽ മുൻകൂർ അനുമതി വാങ്ങി വില നിശ്ചയിക്കേണ്ടതുണ്ട്.
6. ഭക്ഷണം കഴിക്കുന്നതിനായി ആശുപത്രി ജീവനക്കാർക്ക് പ്രത്യേകം ഇരിപ്പിടം ക്രമീകരിക്കേണ്ടതുണ്ട്.
7. ജീവനക്കാരും പൊതുജനങ്ങളും കാണത്തക്ക വിധത്തിൽ വില നിലവാരം പ്രദർശിപ്പിക്കേണ്ടതാണ്.
8. ഈ ആശുപത്രിയിൽ വിവിധ സർക്കാർ പദ്ധതി പ്രകാരം ഭക്ഷണം നൽകേണ്ടി വരുമ്പോൾ ആയത് നൽകേണ്ടതും ഈ ഇനത്തിലെ ബില്ലുകൾ തൊട്ടടുത്തമാസം 10-ാം തീയതിക്കുമുമ്പായി രേഖകൾ സഹിതം ഓഫീസിൽ സമർപ്പിക്കേണ്ടതുമാണ്.
9. ആഹാര സാധനങ്ങൾ സസ്യ എണ്ണയിൽ പാചകം ചെയ്യേണ്ടതും മെച്ചപ്പെട്ട ഗുണനിലവാരം ഉറപ്പ് വരുത്തേണ്ടതുമാണ്.
10. പാചകത്തിന് ഉപയോഗിക്കുന്നതും കുടിക്കാൻ നൽകുന്നതുമായ വെള്ളം റിവേഴ്സ് ഓസ്മോസിസ് സംവിധാനത്തിലൂടെ ശുദ്ധീകരിച്ചതായിരിക്കണം.
11. കരാറുകാർക്ക് കേരളത്തിലെ നിയമാനുസൃത അധികാര കേന്ദ്രങ്ങൾ നിഷ്കർഷിക്കുന്ന ലൈസൻസുകൾ ഉണ്ടായിരിക്കേണ്ടതും

കരാർ ഉറപ്പിച്ച് 30 ദിവസത്തിനകം താഴെപ്പറയുന്ന പ്രമാണങ്ങൾ ഓഫീസിൽ സമർപ്പിക്കേണ്ടതുമാണ്.

- (a) FSS Act 2006 പ്രകാരം Food & Safety Standards Authority of India നൽകുന്ന ലൈസൻസ്.
- (b) ESI Corporation Registration Certificate.
- (c) EPF Organization Registration Certificate.
- (d) GST Registration Certificate.
- (e) ക്യാന്റീൻ കരാറുമായി ബന്ധപ്പെട്ട ഇനത്തിൽ ഇടപാടുകൾക്ക് ഉപയോഗിക്കുന്ന ബാങ്ക് അക്കൗണ്ട് വിവരം (സ്ഥാപനത്തിന്റേയോ ഉടമയുടേയോ)
- (f) ആദായ നികുതി വകുപ്പിന്റെ പാൻകാർഡ് (സ്ഥാപനത്തിന്റേയോ ഉടമയുടേയോ)
12. കരാറുകാരനെ സർക്കാർ/പൊതുമേഖലാ/സ്വയംഭരണ/ആരോഗ്യ സ്ഥാപനങ്ങളോ കരിമ്പട്ടികയിൽ ഉൾപ്പെടുത്തിയതാവരുത്. ഇപ്രകാരം കരിമ്പട്ടികയിൽ ഉൾപ്പെട്ടിട്ടില്ല എന്ന് ഇതോടൊപ്പമുള്ള അനുബന്ധം എ-യിൽ കൈയൊപ്പ് പതിച്ച് ടെണ്ടർ ഫോമിനൊപ്പം സമർപ്പിക്കേണ്ടതാണ്.
13. കഴിഞ്ഞ മൂന്ന് വർഷ കാലയളവിൽ കുറഞ്ഞത് ഒരു വർഷമെങ്കിലും സർക്കാർ/പൊതുമേഖലാ/സ്വയംഭരണ/ആരോഗ്യ സ്ഥാപനങ്ങളിൽ ക്യാന്റീൻ നടത്തിയതിന്റെ സാക്ഷ്യപത്രം ഉള്ളവർ ആയത് ടെണ്ടർ ഫോമിനൊപ്പം സമർപ്പിക്കേണ്ടതാണ്.
14. ക്യാന്റീൻ നടത്തുന്നതിനുള്ള എല്ലാ ചെലവുകളും കരാറുകാരൻ വഹിക്കേണ്ടതാണ്. മോഷണം, പൊള്ളൽ, തീപിടുത്തം, വൈദ്യുതാഘാതം എന്നിവമൂലം ക്യാന്റീൻ ജീവനക്കാർക്ക് ജോലിസമയത്ത് ഉണ്ടാകുന്ന യാതൊരു കഷ്ടനഷ്ടങ്ങൾക്കും ആശുപത്രി അധികൃതർ ഉത്തരവാദികൾ ആയിരിക്കില്ല.
15. ക്യാന്റീൻ നടത്തിപ്പിനല്ലാതെ മറ്റ് യാതൊരു ആവശ്യങ്ങൾക്കും അനുവദിച്ചിരിക്കുന്ന സ്ഥലം ഉപയോഗിച്ചുകൂടാ.
16. കരാറുകാരന് ക്യാന്റീൻ നടത്തുന്നതിനുള്ള ബന്ധപ്പെട്ട അധികാര സ്ഥാപനങ്ങളിൽ നിന്നുള്ള നിയമ പ്രകാരമുള്ള എല്ലാ ലൈസൻസുകളും ഉണ്ടായിരിക്കേണ്ടതാണ്.
17. ക്യാന്റീനിൽ വിതരണം ചെയ്യുന്ന ഭക്ഷണം മെച്ചപ്പെട്ട ഗുണനിലവാരം ഉറപ്പ് വരുത്തേണ്ടതും ഇത്തരത്തിലുണ്ടാകുന്ന യാതൊരു പരാതിയും ഭക്ഷണത്തിൽ മായം ചേർക്കുന്നത് ഉൾപ്പെടെയുള്ള സംഭവങ്ങൾ ഉണ്ടായാൽ സ്ഥാപനത്തെ കരിമ്പട്ടികയിൽ ഉൾപ്പെടുത്തുന്നതടക്കമുള്ള നടപടികൾ എടുക്കുന്നതായിരിക്കും.
18. ആശുപത്രിയും പരിസരവും “ലഹരി വിമുക്ത പ്രദേശം” ആയതിനാൽ പുകവലി, മദ്യം മറ്റ് ലഹരി വസ്തുക്കൾ എന്നിവയുടെ വിൽപനയും ഉപയോഗവും നിരോധിച്ചിരിക്കുന്നു.
19. സുപ്രണ്ട് നിയോഗിച്ചിട്ടുള്ള ഉദ്യോഗസ്ഥർ ക്യാന്റീനിൽ മിനൽ പരിശോധന നടത്തുന്നതായിരിക്കും.
20. ഉപഭോക്താക്കളും ആശുപത്രി ജീവനക്കാരും കാണത്തക്ക വിധത്തിൽ Suggestion Box സ്ഥാപിക്കേണ്ടതാണ്.
21. പാചകം ചെയ്യുന്ന സ്ഥലത്ത് Fire Extinguisher സ്ഥാപിക്കേണ്ടതാണ്.
22. കരാറുകാരൻ യാതൊരു കാരണവശാലും കരാർ പൂർണ്ണമായോ ഭാഗികമായോ മറ്റൊരാൾക്ക് മാറ്റി നൽകുവാൻ പാടില്ല. ഇതിന് വിരുദ്ധമായി ബോധ്യപ്പെട്ടാൽ ആശുപത്രിയുടെ ഭാഗത്ത് നിന്നും കരാറുകാരനെതിരായി കരാർ അവസാനിപ്പിക്കുന്നതടക്കമുള്ള നടപടികൾ സ്വീകരിക്കുന്നതാണ്.
23. കരാറുകാരൻ കെ.എസ്.ഇ.ബി-യുടെ നോട്ടീസ് പ്രകാരമുള്ള വൈദ്യുതി ചാർജ്ജ് കൃത്യമായി കെ.എസ്.ഇ.ബി. ഓഫീസിൽ ഒടുക്കി രസീത് ഹാജരാക്കേണ്ടതാണ്.
24. ടെണ്ടർ ഉറപ്പിച്ച് ലഭിക്കുന്ന കരാറുകാരൻ മൂന്ന് മാസത്തെ വാടക ഡിമാന്റ് ഡ്രാഫ്റ്റ് മുഖേന സെക്യൂരിറ്റി ഡെപ്പോസിറ്റായി ആശുപത്രി വികസന സൊസൈറ്റി ഓഫീസിൽ അടച്ച് രസീത് വാങ്ങേണ്ടതാണ്. പ്രതിമാസ വാടക എല്ലാ മാസവും അഞ്ചാം തീയതിക്കുമുമ്പായി ഡിമാന്റ് ഡ്രാഫ്റ്റായി അടയ്ക്കേണ്ടതാണ്. പ്രതിമാസ വാടകയിനത്തിൽ കുടിശ്ശിക വന്നാൽ യാതൊരു അറിയിപ്പും കൂടാതെ കരാർ അവസാനിപ്പിക്കുന്നതായിരിക്കും.
25. മതിയായ കാരണത്താൽ ഒരു മാസത്തെ അറിയിപ്പ് നൽകിക്കൊണ്ടും ഗുരുതരമായ കാര്യങ്ങൾ ഉണ്ടായാൽ ഉടൻടി സ്ഥലവും നടത്തിപ്പ് അവകാശങ്ങളും തിരിച്ചെടുക്കുന്നതിനും സുപ്രണ്ടിന് പൂർണ്ണ അധികാരം ഉണ്ടായിരിക്കും.
26. അവിധി ദിവസങ്ങൾ ഉൾപ്പെടെ എല്ലാ ദിവസവും ക്യാന്റീൻ പ്രവർത്തിപ്പിക്കേണ്ടതാണ്. കുറഞ്ഞത് രാവിലെ 5.30 മുതൽ രാത്രി 9.30 വരെയെങ്കിലും ക്യാന്റീൻ പ്രവർത്തിപ്പിച്ചിരിക്കണം.
27. ക്യാന്റീൻ ജീവനക്കാർ പ്രായപൂർത്തിയായവരും ഈ രംഗത്ത് വൈദഗ്ദ്ധ്യമുള്ളവരുമായിരിക്കണം. ബാലവേല അനുവദിക്കുന്നതല്ല. ശ്രദ്ധയിൽപ്പെട്ടാൽ കരാർ അവസാനിപ്പിക്കുന്നതായിരിക്കും.
28. ക്യാന്റീൻ ജീവനക്കാരുടെ കാര്യത്തിൽ തൊഴിൽ നിയമം അനുശാസിക്കുന്ന എല്ലാ ചട്ടങ്ങളും നിയമങ്ങളും കാലാകാലങ്ങളിലുണ്ടാകുന്ന ഭേദഗതികളും കരാറുകാരൻ നിർബന്ധമായും പാലിക്കേണ്ടതാണ്. ഇത്തരത്തിലുണ്ടാകുന്ന തർക്കങ്ങൾക്ക് ആശുപത്രി അധികൃതർ കക്ഷികളാവുന്നതോ ഉത്തരവാദികളാവുന്നതോ അല്ല.

29. തെരഞ്ഞെടുക്കപ്പെടുന്ന സ്ഥാപനങ്ങളുമായുള്ള കരാർ, കരാർ ആരംഭിക്കുന്ന തീയതി മുതൽ രണ്ട് വർഷത്തേക്കോ പുതിയ ടെണ്ടർ നിലവിൽ വരുന്നതുവരെയോ ഏതാണോ അവസാനം അതുവരെയായിരിക്കും. എന്നിരുന്നാലും യാതൊരു മുന്നറിയിപ്പും കൂടാതെ കരാർ എപ്പോൾ വേണമെങ്കിലും അവസാനിപ്പിക്കുന്നതിനുള്ള അധികാരം സുപ്രണ്ടിൽ നിക്ഷിപ്തമായിരിക്കും.

30. ക്യാന്റിൻ നടത്തിപ്പുമായി ബന്ധപ്പെട്ട് ആശുപത്രിക്ക് ഉണ്ടാകുന്ന എല്ലാവിധ കഷ്ടനഷ്ടങ്ങൾക്കും കരാറുകാരൻ ഉത്തരവാദി ആയിരിക്കുന്നതും കരാറുകാരൻ എതിരായി സിവിൽ/ക്രിമിനൽ നടപടികൾ കൈകൊള്ളുന്നതും റവന്യൂ റിക്കവറി നടപടികൾ സ്വീകരിക്കുന്നതുമായിരിക്കും.

ടെണ്ടറിനോടൊപ്പം ₹ 200-ന്റെ കേരള സ്റ്റാമ്പ് പേപ്പറിൽ പ്രാഥമിക സമ്മതപത്രം എഴുതി സമർപ്പിക്കേണ്ടതും അനുമതി ലഭിച്ച കരാറുകാരൻ ₹ 500-ന്റെ കേരള സ്റ്റാമ്പ് പേപ്പറിൽ വ്യവസ്ഥകൾ അംഗീകരിച്ച് ക്യാന്റിൻ നടത്താമെന്നുള്ള സമ്മതപത്രം എഴുതി നൽകേണ്ടതുമാണ്.

എല്ലാ ടെണ്ടറുകൾക്കും ബാധകമായ നിയമങ്ങൾ ഇതിൽ ഉൾപ്പെട്ടിട്ടില്ലെങ്കിൽകൂടി ഇതിനും ബാധകമായിരിക്കും.

ഏതെങ്കിലും ടെണ്ടർ നിരസിക്കുന്നതിനോ സ്വീകരിക്കുന്നതിനോ ഉള്ള അധികാരം ആലപ്പുഴ ഗവ. റ്റി.ഡി. മെഡിക്കൽ കോളേജ് ആശുപത്രി സുപ്രണ്ടിൽ നിക്ഷിപ്തമായിരിക്കും. കൂടുതൽ വിവരങ്ങൾ പ്രവൃത്തി ദിവസങ്ങളിൽ സുപ്രണ്ട് ഓഫീസിൽ നിന്നും ലഭിക്കുന്നതാണ്.

മേൽപ്പറഞ്ഞ നിബന്ധനകൾ പാലിക്കാത്ത ടെണ്ടറുകൾ യാതൊരു അറിയിപ്പും കൂടാതെ നിരസിക്കുന്നതായിരിക്കും.

ടെണ്ടർ സംബന്ധിച്ച എല്ലാ നിയമങ്ങളും ആലപ്പുഴ ജൂറിസ്ഡിക്ഷൻ പരിധിയിലായിരിക്കും.

ഇനവിവരവും നിരക്കും

ക്രമ നമ്പർ	ഭക്ഷ്യ സാധനങ്ങളുടെ ഇനം	പൊതുജനങ്ങൾക്ക് നൽകുവാനുദ്ദേശിക്കുന്ന നിരക്ക്	ആശുപത്രി ജീവനക്കാർക്ക് നൽകുവാനുദ്ദേശിക്കുന്ന നിരക്ക്
(1)	(2)	(3)	(4)
<u>പ്രഭാത ഭക്ഷണം</u>			
1	ചായ 150 മി.ലി.	10.00	05.00
2	കാപ്പി 150 മി.ലി.	12.00	06.00
3	കടും ചായ 150 മി.ലി.	06.00	04.00
4	കടും കാപ്പി 150 മി.ലി.	08.00	04.00
5	പാൽ 150 മി.ലി.	14.00	08.00
6	ഇസ്സലി 100 ഗ്രാം (1 എണ്ണം)	06.00	05.00
7	ദോശ 100 ഗ്രാം (1 എണ്ണം)	06.00	05.00
8	അപ്പം 100 ഗ്രാം (1 എണ്ണം)	06.00	04.00
9	പുട്ട് 150 ഗ്രാം (1 എണ്ണം)	06.00	04.00
10	ഇടിയപ്പം 100 ഗ്രാം (1 എണ്ണം)	06.00	04.00
11	ചപ്പാത്തി 100 ഗ്രാം (1 എണ്ണം)	06.00	05.00
12	പൊറോട്ട 100 ഗ്രാം (1 എണ്ണം)	08.00	05.00
13	മസാലദോശ 200 ഗ്രാം (1 എണ്ണം)	40.00	25.00
<u>ഉച്ച ഭക്ഷണം</u>			
14	ഉറാണ് (മേൽത്തരം അരി ഉപയോഗിച്ചത്) (സാമ്പാർ, അവിയൽ/കൂട്ട്കറി/തീയൽ, തോരൻ, മെഴുക്കുപിരട്ടി, അച്ചാർ, പപ്പടം, പുളിശ്ശേരി, മോർ/രസം)	50.00	25.00
<u>ലഘു ഭക്ഷണം</u>			
15	അട/കൊഴുക്കട്ട 50 ഗ്രാം (1 എണ്ണം)	08.00	05.00
16	പരിപ്പുവട 50 ഗ്രാം (1 എണ്ണം)	08.00	05.00
17	ഉഴുന്ന് വട 50 ഗ്രാം (1 എണ്ണം)	08.00	05.00

(1)	(2)	(3)	(4)
18	ഏത്തായ്ക്കാപ്പം 100 ഗ്രാം (1 എണ്ണം)	08.00	05.00
19	ഉണ്ണിയപ്പം 50 ഗ്രാം (1 എണ്ണം)	08.00	05.00
20	സുഖിയൻ 100 ഗ്രാം (1 എണ്ണം)	08.00	05.00
21	ബോണ്ട 100 ഗ്രാം (1 എണ്ണം)	08.00	05.00
<u>മറ്റിനം</u>			
22	കഞ്ഞി 250 ഗ്രാം (1 പ്ലേറ്റ്)	20.00	15.00
23	മീൻ കറി 150 ഗ്രാം (1 പ്ലേറ്റ്)	25.00	20.00
24	ഇറച്ചി കറി 150 ഗ്രാം (1 പ്ലേറ്റ്)	70.00	30.00
25	കടലക്കറി 150 ഗ്രാം (1 പ്ലേറ്റ്)	25.00	12.00
26	കിഴങ്ങു കറി 150 ഗ്രാം (1 പ്ലേറ്റ്)	25.00	12.00
27	വെജിറ്റബിൾ കറി 150 ഗ്രാം (1 പ്ലേറ്റ്)	25.00	12.00
28	മുട്ടക്കറി 1 എണ്ണം	20.00	15.00

No. HDS 489/2019/Govt. T.D.M.C.H.A.

19th October 2020.

The Superintendent, Govt. T. D. Medical College Hospital, Alappuzha invites online competitive bid for providing service of running canteen for a period of two years which situated, in the ground floor of canteen building which comprises of a permanent building of 4500 sq.ft. and temporary extension area of approximate 800 sq.ft. in the back portion of the canteen building adjacent to the kitchen. The competitive bidders may be person/agencies/contractors/co-operative societies/kudumbasree preferably previous experience in this field. The contract will be awarded as per the below noted criteria.

Estimated cost of tender—₹ 5,00,000.

Cost of tender form:

Original—₹ 1,000 + 18% GST ₹ 180 Total ₹ 1,180

Duplicate—₹ 500 + 18% GST ₹ 90 Total ₹ 590

The Cost of Tender form will be accepted in cash, DD or by MO only. Postal orders, Postal Stamp or Bank Cheque should not be accepted. No forms should be sent by VPP or in advance.

Mode of submission of Tender—Tender should be submitted to “The Superintendent, Govt.T.D.Medical College Hospital, Vandanam, Alappuzha”.

Last date of sale of tender form—3-12-2020 at 3 p.m.

Last date for tender submission—7-12-2020 at 3 p. m.

Tender Opening date—7-12-2020 at 3.30 p. m.

CONDITIONS

1. Estimated cost of tender is calculated on the basis of monthly rent. The tenderer should specifically quote the monthly rent in figures and words in the appropriate column of the tender form.
2. Indenting tenderers should be liable to pay 18% GST against the rate quoted in tender in all stage of the deed. Moreover should remit Earned Money Deposit equal to 1% of the rate quoted as canteen rent.
3. The service provider has to provide by himself all the furniture and utensils required for running of canteen at his own cost.
4. The service provider will be responsible for removing the food waste and other waste generated in the canteen from the hospital Compound at his own cost. Mode of waste disposal should be detailed and uploaded in the tender. At any cost waste disposal will not be permitted in the hospital compound.
5. The cost of food items which can be served in the canteen and those rates which can be charged for public and hospital staff is appended separately. Any other food items meant for serving other than this list, such other items and such rates as may be settled by the Superintendent time to time.

6. The service provider should arrange separate dining area for hospital staff.
7. The service provider should display a price list of every item in a prominent place of canteen.
8. The canteen service provider is liable for serving food to patients and bystanders through various schemes introduced by the State/Central Government time to time. The credit bill for the same should be submitted to the office not exceeding the 10th day of the coming month with sufficient documents.
9. The medium of cooking oil shall be vegetable oil and the food items supplied should ensure highest standard.
10. Water meant to serve for drinking and used for cooking should be treated by means of Reverse Osmosis.
11. The service provider should have all valid license issued by statutory authorities in Kerala. The documentary proof should be submitted within 30 days by the successful tenderers as detailed below:—
 - (a) License issued by Food and Safety standard authority of India under FSS Act 2006.
 - (b) Employees Provident Fund registration certificate.
 - (c) Employees State Insurance Corporation (ESI) Certificate
 - (d) GST registration Certificate
 - (e) The bank account details (the firm or proprietor) which will be used in this transaction.
 - (f) Income Tax department PAN Card of the firm or proprietor should be attached.
12. The tenderer should not have been black listed by any Government/public sector undertaking/Medical institution etc. The bidders should furnish an undertaking to this effect as per Annexure A attached to this duly signed and submitted along with the tender form.
13. Satisfactory performance certificate for one year canteen service obtained from atleast one Government/PSU/ Autonomous body/Medical institution during last three years, if so the documentary proof should be submitted along with the tender form.
14. The service provider shall bear all expenses for running the canteen and the hospital shall not in any manner liable for any damage caused on incidents like theft, burn, fire, electric shock etc. or bear any compensation for damage or injury caused to the workmen during discharging of their duties.
15. The service provider shall not be entitled to use the allotted space for any other purpose other than running of canteen.
16. The service provider must possess all the requisite valid trade and food license issued by the competent authority.
17. There shall be no compromises on the quality of food supplied by the service provider, if any such incidents or food adulteration is found action will be taken including black listing the firm.
18. The hospital campus is "tobacco and alcohol free zone" hence sale and the use of tobacco and alcohol is strictly prohibited in canteen area.
19. Surprise inspection, will be conducted by officers/inspection team constituted by Superintendent.
20. Suggestion box should be made available to customers of canteen at an accessible area.
21. Fire extinguisher must be kept in the cooking area.
22. The contract assigned by the bidder shall not be let either in full or in partial to others under any circumstances. If anything is found to the contrary action as deemed fit will be initiated against the contractor including cancellation of the contract.
23. The contractor should remit the electricity charge as per the notice issued by the KSEB authorities and a copy of the payment receipt should be submitted to this office.
24. The service provider for whom the tender is awarded should remit three months rent in advance by way of demand draft as security deposit. The receipt for the same will be issued from the HDS office. Monthly rent must be remitted before 5th day of every month by way of demand draft in the name of superintendent, GTDMCHA, Alappuzha. There shall be no compromise for delay in the payment of monthly rent and occurrence if any, the contract shall be cancelled without further notice.

25. In case of any default by the service provider the Superintendent has the right to terminate the contract by giving one month notice and immediate action will be taken to terminate the contract in case of any serious valid reason without giving previous notice.
26. The canteen will run on all day including Sundays and Holidays and shall remain open at least 5.30 a.m. to 9.30 p. m.
27. The service provider must employ adult and skilled labourer only. Employment of child labour will lead to the termination of contract.
28. The service provider shall be deemed responsible for all applicable acts and rules related to the labour law as amended from time to time. The hospital authorities shall not be a party to any dispute.
29. The period of contract will be two years from the date of execution of agreement or till the new tender is in force or termination of existing contract whichever is last. Even though the Superintendent has the right to cancel the agreement without further notice.
30. The service provider shall be liable for any damage or loss caused to hospital. Occurrence of any Civil/Criminal procedure will be initiated. If any amount found to be liable the hospital authorities have the right to recover such amount from the contractor as per the provision of Revenue Recovery Act.

Tender should be accompanied by a preliminary agreement in Kerala Stamp paper worth ₹ 200 and should remit Earnest Money Deposit @ 1% of the rate quoted as monthly rent.

The successful tenderers should remit three months rent in advance as security deposit and should submit an agreement in Kerala Stamp paper worth ₹ 500.

The rules applicable to all tenders will be applicable to this tender also even though it is not mentioned in it.

Any information about the specification can be obtained from this office during office hours.

The Superintendent Govt. T.D. Medical College Hospital has the right to accept and reject any tender without assigning any reasons.

The tender not satisfying the conditions are liable to be rejected without further notice.

Disputes if any will be under Alappuzha Jurisdiction.

RATE & PRICE LIST OF FOOD ITEMS

<i>Sl. No.</i>	<i>Item of Food</i>	<i>Quantity</i>	<i>Rate proposed to be charged from Public</i>	<i>Rate proposed to be charged from Staff</i>
(1)	(2)	(3)	(4)	(5)
Breakfast				
1	Tea	150 ml	10.00	05.00
2	Coffee	150 ml	12.00	06.00
3	Black Tea	150 ml	6.00	04.00
4	Black Coffee	150 ml	8.00	04.00
5	Milk	150 ml	14.00	08.00
6	Idly	100 g.m. (1 No.)	06.00	05.00
7	Dosa	100 g.m. (1 No.)	06.00	05.00
8	Appam	100 g.m. (1 No.)	06.00	04.00
9	Puttu	150 g.m. (1 No.)	06.00	04.00
10	Idiyappam	100 g.m. (1 No.)	06.00	04.00
11	Chappathi	100 g.m. (1 No.)	06.00	05.00

(1)	(2)	(3)	(4)	(5)
12	Porotta	100 g.m. (1 No.)	08.00	05.00
13	Masala Dosa	200 g.m. (1 No.)	40.00	25.00
Lunch				
14	Meals (Using high Quality Rice) Including-Sambar, Avial, [Kootucurry/ Theeyal, Thooran/Meshukkuperatty, Pickle, Pappad, Pulissery, Rasam/ Pach Moru, (Butter Milk)]		50.00	25.00
Light snacks				
15	Ada/Kozhukatta	50 g.m. (1 No.)	08.00	05.00
16	Parippu Vada	50 g.m. (1 No.)	08.00	05.00
17	Uzhunnu Vada	50 g.m. (1 No.)	08.00	05.00
18	Banana Fry (Pazhampori)	100 g.m. (1 No.)	08.00	05.00
19	Unniyappam	50 g.m. (1 No.)	08.00	05.00
20	Sukhiyan	100 g.m. (1 No.)	08.00	05.00
21	Bonda	100 g.m. (1 No.)	08.00	05.00
Others				
22	Kanji	250 g.m. (1 Plate)	20.00	15.00
23	Fish Curry	150 g.m. (1 Plate)	25.00	20.00
24	Beaf Curry	150 g.m. (1 Plate)	70.00	30.00
25	Kadala Curry	150 g.m. (1 Plate)	25.00	12.00
26	Potato Curry	150 g.m. (1 Plate)	25.00	12.00
27	Vegetable Curry	150 g.m. (1 Plate)	25.00	12.00
28	Egg Curry	(1 No.)/Plate)	20.00	15.00

Govt. T. D. Medical College,
Alappuzha.

(Sd.)
Superintendent.

ദർഘാസ് പരസ്യം

(1)

[നമ്പർ 04/2020-21]

നമ്പർ സി1-5507/2020/ജി.റ്റി.ഡി.എം.സി.എ.

2020 ഒക്ടോബർ 21.

ആലപ്പുഴ ഗവൺമെന്റ് റ്റി. ഡി. മെഡിക്കൽ കോളേജിലെ ട്രോമാകെയർ വിഭാഗത്തിലേക്ക് ന്യൂറോസർജറി മൈക്രോ ഇൻസ്ട്രുമെന്റ് സെറ്റ് വിതരണം ചെയ്യുന്നതിനായി മുദ്രവച്ച ദർഘാസുകൾ ക്ഷണിച്ചുകൊള്ളുന്നു.

അടങ്കൽ തുക—₹ 5,00,000.

ദർഘാസ് ഉള്ളടക്കം ചെയ്ത കവറിന് പുറത്ത് ദർഘാസ് നമ്പർ, ഇനവിവരം, നിശ്ചിത ദിവസം എന്നിവ രേഖപ്പെടുത്തി പ്രിൻസിപ്പാൾ, ഗവൺമെന്റ് റ്റി. ഡി. മെഡിക്കൽ കോളേജ്, വണ്ടാനം, ആലപ്പുഴ-688 005 എന്ന വിലാസത്തിൽ അയയ്ക്കേണ്ടതാകുന്നു.

ദർഘാസ് സ്വീകരിക്കുന്ന അവസാന തീയതി 30-11-2020, 1 മണിവരെ. അന്നേ ദിവസം 2 മണിക്ക് ദർഘാസ് തുറക്കുന്നതായിരിക്കും. ദർഘാസ് സമർപ്പിക്കുന്നവർക്കോ അവർ നിയോഗിക്കുന്ന പ്രതിനിധിക്കോ ഈ അവസരത്തിൽ സന്നിഹിതരാകാവുന്നതാണ്. വൈകി കിട്ടുന്ന ദർഘാസുകൾ സ്വീകരിക്കുന്നതല്ല. ദർഘാസുകൾ പ്രവർത്തി ദിവസങ്ങളിൽ 10.30 മണി മുതൽ 3.30 മണിവരെ ₹ 1,120 കോളേജ് ഓഫീസിൽ ഒടുക്കേണ്ടതാണ്. പകർപ്പ് ആവശ്യമുള്ളവർ ₹ 560 അധികമായി ഒടുക്കേണ്ടതാണ്. ദർഘാസ് വിൽപ്പന 30-11-2020 ഉച്ചയ്ക്ക് 12 മണിവരെ മാത്രമായിരിക്കും. ചെക്ക്, ഡ്രാഫ്റ്റ് എന്നിവ ദർഘാസിന്റെ വിലയായി സ്വീകരിക്കുന്നതല്ല. ദർഘാസുകൾ തപാലിൽ ലഭിക്കാൻ ആഗ്രഹിക്കുന്നവർ ദർഘാസിന്റെ വിലയോടൊപ്പം ₹ 50 കൂടി ചേർത്ത് മണിയോർഡർ അയയ്ക്കേണ്ടതാണ്. ദർഘാസുകൾ സ്വീകരിക്കുന്ന അവസാന ദിവസത്തിന് 10 പ്രവൃത്തി ദിവസങ്ങൾക്കുമുമ്പ് ലഭിക്കുന്ന മണിയോർഡർ മാത്രമേ സ്വീകരിക്കുകയുള്ളൂ. വില തിരികെ ലഭിക്കുന്നതല്ല.

ദർഘാസുകൾ കൈമാറ്റം ചെയ്യാൻ പാടുള്ളതല്ല. സാങ്കേതിക വിശദാംശങ്ങൾ ദർഘാസിനോടൊപ്പം ലഭിക്കുന്നതാണ്. ദർഘാസ് സമർപ്പിക്കുമ്പോൾ ₹ 200-ന്റെ മുദ്രപ്പത്രത്തിൽ സമ്മതപത്രവും ക്വാട്ട് ചെയ്യുന്ന ആകെ വിലയുടെ ഒരു ശതമാനം വരുന്ന തുകയ്ക്ക് പ്രിൻസിപ്പാളിന്റെ പേരിൽ എടുത്തിട്ടുള്ള ഡിമാന്റ് ഡ്രാഫ്റ്റോ സ്ഥിര നിക്ഷേപ സർട്ടിഫിക്കറ്റോ നിരതദ്രവ്യമായി സമർപ്പിക്കേണ്ടതാണ്. നിരതദ്രവ്യവും സമ്മതപത്രവും ഉള്ളടക്കം ചെയ്യാത്ത ദർഘാസുകൾ നിരസിക്കുന്നതാണ്.

[No. 04/2020-21]

No. C1/5507/2020/GTDMCA.

21st October 2020.

Sealed tenders are invited for the supply of Micro Instruments Set for Emergency Neuro Surgery for the Trauma Care Unit in Govt. T. D. Medical College Hospital, Vandanam.

Approximate Cost—₹ 5,00,000.

The envelopes containing the tender should bear the superscription "Tender No. & due date and should be addressed to The Principal, Govt. T. D. Medical College, Alappuzha".

Last date and time for receipt of tender will be 30-11-2020 at 1 p. m. Late tender will not be accepted. The tender will be opened at 2 p. m. on 30-11-2020 in the presence of such of the tenderers or their authorized representatives who may be present at that time.

Intending tenderers may obtain the tender form from the undersigned on all working days from 10.30 a. m. to 3.30 p. m. on a cash remittance of ₹ 1,120 which is the price fixed for tender form and which is not refundable under any circumstances. The tender forms are not transferable. Sale of tender forms will be closed on 30-11-2020, 12 Noon. Cheques, Postage Stamps etc. will not be accepted towards the cost of forms, nor will the forms be sent by V.P.P. Tender forms will be supplied to the firm by registered post subject to a cash payment of ₹ 50 in addition as postage charges. Money Order will be accepted only if received within 10 clear working days prior to due date for submitted tender. Duplicate tender forms, if required will be issued of ₹ 560 per copy. Further details can be had from the College Office during working time. Tender should be accompanied by an agreement executed in Kerala Stamp Paper worth ₹ 200 and EMD 1% of total cost (not less than ₹ 1,500) of the items tendered. Tenders without EMD will be rejected.

(2)

[നമ്പർ 05/2020-21]

നമ്പർ സി1-5508/2020/ഗവ.റ്റി.ഡി.എം.സി.എ.

2020 ഒക്ടോബർ 21.

ആലപ്പുഴ ഗവൺമെന്റ് മെഡിക്കൽ കോളേജിലെ ട്രോമാകെയർ വിഭാഗത്തിലേക്ക് ക്രേനിയോടോമി ഇൻസ്ട്രുമെന്റ് സെറ്റ് വിതരണം ചെയ്യുന്നതിനായി മുദ്രവച്ച ദർഘാസുകൾ ക്ഷണിച്ചുകൊള്ളുന്നു.

അടങ്കൽ തുക—₹ 5,00,000.

ദർഘാസ് ഉള്ളടക്കം ചെയ്ത കവറിന് പുറത്ത് ദർഘാസ് നമ്പർ, ഇനവിവരം, നിശ്ചിത ദിവസം എന്നിവ രേഖപ്പെടുത്തി പ്രിൻസിപ്പാൾ, ഗവൺമെന്റ് ടി. ഡി. മെഡിക്കൽ കോളേജ്, വണ്ടാനം, ആലപ്പുഴ-688 005 എന്ന വിലാസത്തിൽ അയയ്ക്കേണ്ടതാകുന്നു.

ദർഘാസ് സ്വീകരിക്കുന്ന അവസാന തീയതി 30-11-2020, 1 മണിവരെ. അന്നേ ദിവസം 2.30 മണിക്ക് ദർഘാസ് തുറക്കുന്നതായിരിക്കും. ദർഘാസ് സമർപ്പിക്കുന്നവരോ അവർ നിയോഗിക്കുന്ന പ്രതിനിധിയോ ഈ അവസരത്തിൽ സന്നിഹിതരാകാവുന്നതാണ്. വൈകിടുന്ന ദർഘാസുകൾ സ്വീകരിക്കുന്നതല്ല. ദർഘാസുകൾ പ്രവർത്തി ദിവസങ്ങളിൽ 10.30 മണി മുതൽ 3.30 മണിവരെ ₹ 1,120 കോളേജ് ഓഫീസിൽ ഒടുക്കി വാങ്ങാവുന്നതാണ്. പകർപ്പ് ആവശ്യമുള്ളവർ ₹ 560 അധികമായി ഒടുക്കേണ്ടതാണ്. ദർഘാസ് വിൽപ്പന 30-11-2020 ഉച്ചയ്ക്ക് 12 മണിവരെ മാത്രമായിരിക്കും. ചെക്ക്, ഡ്രാഫ്റ്റ് എന്നിവ ദർഘാസിന്റെ വിലയായി സ്വീകരിക്കുന്നതല്ല. ദർഘാസുകൾ തപാലിൽ ലഭിക്കാൻ ആഗ്രഹിക്കുന്നവർ ദർഘാസിന്റെ വിലയോടൊപ്പം ₹ 50 കൂടി ചേർത്ത് മണിയോർഡർ അയയ്ക്കേണ്ടതാണ്. ദർഘാസുകൾ സ്വീകരിക്കുന്ന അവസാന ദിവസത്തിന് 10 പ്രവൃത്തി ദിവസങ്ങൾക്കുമുമ്പ് ലഭിക്കുന്ന മണിയോർഡർ മാത്രമേ സ്വീകരിക്കുകയുള്ളൂ. വില തിരികെ ലഭിക്കുന്നതല്ല. ദർഘാസുകൾ കൈമാറ്റം ചെയ്യാൻ പാടുള്ളതല്ല. സാങ്കേതിക വിശദാംശങ്ങൾ ദർഘാസിനോടൊപ്പം ലഭിക്കുന്നതാണ്. ദർഘാസ് സമർപ്പിക്കുമ്പോൾ ₹ 100-ന്റെ മുദ്രപ്പത്രത്തിൽ സമ്മതപത്രവും ക്വാട്ട് ചെയ്യുന്ന ആകെ വിലയുടെ ഒരു ശതമാനം വരുന്ന തുകയ്ക്ക് പ്രിൻസിപ്പാളിന്റെ പേരിൽ എടുത്തിട്ടുള്ള ഡിമാന്റ് ഡ്രാഫ്റ്റോ സ്ഥിര നിക്ഷേപ സർട്ടിഫിക്കറ്റോ നിരതദ്രവ്യമായി സമർപ്പിക്കേണ്ടതാണ്. നിരതദ്രവ്യവും സമ്മതപത്രവും ഉള്ളടക്കം ചെയ്യാത്ത ദർഘാസുകൾ നിരസിക്കുന്നതാണ്.

[No. 05/2020-21]

No. C1/5508/2020/GTDMCA.

21st October 2020.

Sealed tenders are invited for the supply and installation of Craniotomy Instrument Set for the Trauma Care Unit, Govt. T. D. Medical College Hospital, Vandanam.

Approximate Cost—₹ 5,00,000.

The envelopes containing the tender should bear the superscription "Tender No. & due date and should be addressed to The Principal, Govt. T. D. Medical College, Alappuzha".

Last date and time for receipt of tender will be 30-11-2020 at 1 p. m. Late tender will not be accepted. The tender will be opened at 2.30 p. m. on 30-11-2020 in the presence of such of the tenderers or their authorized representatives who may be present at that time.

Intending tenderers may obtain the tender form from the undersigned on all working days from 10.30 a. m. to 3.30 p. m. on a cash remittance of ₹ 1,120 which is the price fixed for tender form and which is not refundable under any circumstances. The tender forms are not transferable. Sale of tender forms will be closed on 30-11-2020, 12 Noon. Cheques, Postage Stamps etc. will not be accepted towards the cost of forms, nor will the forms be sent by V.P.P. Tender forms will be supplied to the firm by registered post subject to a cash payment of ₹ 50 in addition as postage charges. Money Order will be accepted only if received within 10 clear working days prior to due date for submitted tender. Duplicate tender forms, if required will be issued of ₹ 560 per copy. Further details can be had from the College Office during working time. Tender should be accompanied by an agreement executed in Kerala Stamp Paper worth ₹ 200 and EMD 1% of total cost (not less than ₹ 1,500) of the items tendered. Tenders without EMD will be rejected.

(3)

[നമ്പർ 06/2020-21]

നമ്പർ സി1-5509/2020/ജി.റ്റി.ഡി.എം.സി.എ.

2020 ഒക്ടോബർ 21.

ആലപ്പുഴ ഗവൺമെന്റ് റ്റി.ഡി. മെഡിക്കൽ കോളേജിലെ ട്രോമാകെയർ വിഭാഗത്തിലേക്ക് സ്പൈൻ സർജറിക്ക് ആവശ്യമായ ലാമിനക്ടോമി ഇൻസ്ട്രുമെന്റ്സ് സെറ്റ് വിതരണം ചെയ്യുന്നതിനായി മുദ്രവച്ച ദർഘാസുകൾ ക്ഷണിച്ചുകൊള്ളുന്നു.

അടങ്കൽ തുക—₹ 5,00,000.

ദർഘാസ് ഉള്ളടക്കം ചെയ്ത കവറിന് പുറത്ത് ദർഘാസ് നമ്പർ, ഇനവിവരം, നിശ്ചിത ദിവസം എന്നിവ രേഖപ്പെടുത്തി പ്രിൻസിപ്പാൾ, ഗവൺമെന്റ് റ്റി. ഡി. മെഡിക്കൽ കോളേജ്, വണ്ടാനം, ആലപ്പുഴ-688 005 എന്ന വിലാസത്തിൽ അയയ്ക്കേണ്ടതാകുന്നു.

ദർഘാസ് സ്വീകരിക്കുന്ന അവസാന തീയതി 30-11-2020, 1 മണിവരെ. 30-11-2020, 3 മണിക്ക് ദർഘാസ് തുറക്കുന്നതായിരിക്കും. ദർഘാസ് സമർപ്പിക്കുന്നവർക്കോ അവർ നിയോഗിക്കുന്ന പ്രതിനിധിക്കോ ഈ അവസരത്തിൽ സന്നിഹിതരാകാവുന്നതാണ്. വൈകി കിട്ടുന്ന ദർഘാസുകൾ സ്വീകരിക്കുന്നതല്ല. ദർഘാസുകൾ പ്രവർത്തി ദിവസങ്ങളിൽ 10.30 മണി മുതൽ 3.30 മണിവരെ ₹ 1,120 കോളേജ് ഓഫീസിൽ ഒടുക്കി വാങ്ങാവുന്നതാണ്. പകർപ്പ് ആവശ്യമുള്ളവർ ₹ 560 അധികമായി ഒടുക്കി വാങ്ങേണ്ടതാണ്. ദർഘാസ് വിൽപ്പന 30-11-2020, ഉച്ചയ്ക്ക് 12 മണിവരെ മാത്രമായിരിക്കും. ചെക്ക്, ഡ്രാഫ്റ്റ് എന്നിവ ദർഘാസിന്റെ വിലയായി സ്വീകരിക്കുന്നതല്ല. ദർഘാസുകൾ തപാലിൽ ലഭിക്കാൻ ആഗ്രഹിക്കുന്നവർ ദർഘാസിന്റെ

വിലയോടൊപ്പം ₹ 50 കൂടി ചേർത്ത് മണിയോർഡർ അയയ്ക്കേണ്ടതാണ്. ദർഘാസുകൾ സ്വീകരിക്കുന്ന അവസാന ദിവസത്തിന് 10 പ്രവൃത്തി ദിവസങ്ങൾക്കുമുമ്പ് ലഭിക്കുന്ന മണിയോർഡർ മാത്രമേ സ്വീകരിക്കുകയുള്ളൂ. വില തിരികെ ലഭിക്കുന്നതല്ല. ദർഘാസുകൾ കൈമാറ്റം ചെയ്യാൻ പാടുള്ളതല്ല. സാങ്കേതിക വിശദാംശങ്ങൾ ദർഘാസിനോടൊപ്പം ലഭിക്കുന്നതാണ്. ദർഘാസ് സമർപ്പിക്കുമ്പോൾ ₹ 200-ന്റെ മുദ്രപത്രത്തിൽ സമ്മതപത്രവും ക്വാട്ട് ചെയ്യുന്ന ആകെ വിലയുടെ ഒരു ശതമാനം വരുന്ന തുകയ്ക്ക് പ്രിൻസിപ്പാളിന്റെ പേരിൽ എടുത്തിട്ടുള്ള ഡിമാന്റ് ഡ്രാഫ്റ്റോ സ്ഥിര നിക്ഷേപ സർട്ടിഫിക്കറ്റോ നിരതദ്രവ്യമായി സമർപ്പിക്കേണ്ടതാണ്. നിരതദ്രവ്യവും സമ്മതപത്രവും ഉള്ളടക്കം ചെയ്യാത്ത ദർഘാസുകൾ നിരസിക്കുന്നതാണ്.

[No. 06/2020-21]

No. C1/5509/2020/GTDMCA.

21st October 2020.

Sealed tenders are invited for the supply of Laminectomy Instrument Set for Spine Surgery for the Trauma Care Unit in Govt. T. D. Medical College Hospital, Vandanam.

Approximate Cost—₹ 5,00,000.

The envelopes containing the tender should bear the superscription "Tender No. & due date and should be addressed to The Principal, Govt. T. D. Medical College, Alappuzha".

Last date and time for receipt of tender will be 30-11-2020 at 1 p. m. Late tender will not be accepted. The tender will be opened at 3 p. m. on 30-11-2020 in the presence of such of the tenderers or their authorized representatives who may be present at that time.

Intending tenderers may obtain the tender form from the undersigned on all working days from 10.30 a. m. to 3.30 p. m. on a cash remittance of ₹ 1,120 which is the price fixed for tender form and which is not refundable under any circumstances. The tender forms are not transferable. Sale of tender forms will be closed on 30-11-2020, 12 Noon. Cheques, Postage Stamps etc. will not be accepted towards the cost of forms, nor will the forms be sent by V.P.P. Tender forms will be supplied to the firm by registered post subject to a cash payment of ₹ 50 in addition as postage charges. Money Order will be accepted only if received within 10 clear working days prior to due date for submitted tender. Duplicate tender forms, if required will be issued of ₹ 560 per copy. Further details can be had from the College Office during working time. Tender should be accompanied by an agreement executed in Kerala Stamp Paper worth ₹ 200 and EMD 1% of total cost (not less than ₹ 1,500) of the items tendered. Tenders without EMD will be rejected.

Govt. T. D. Medical College,
Alappuzha.

(Sd.)
Principal.

ദർഘാസ് പരസ്യം

നമ്പർ എസ്1-2640/2020/ഡി.സി.സി.

2020 ഒക്ടോബർ 19.

കോഴിക്കോട് ഗവൺമെന്റ് ദന്തൽ കോളേജിലെ വിവിധ വിഭാഗത്തിലേക്ക് ആവശ്യമായ ഡെന്റൽ മെറ്റീരിയലുകൾ വിതരണം ചെയ്യുന്നതിലേക്ക് നിർമ്മാതാക്കളിൽ നിന്നോ അവരുടെ അംഗീകൃത ഡീലർമാരിൽ നിന്നോ മുദ്രവെച്ചതും മത്സരാധിഷ്ഠിതവുമായ ദർഘാസുകൾ ക്ഷണിച്ചുകൊള്ളുന്നു.

ദർഘാസ് നമ്പർ കവറിനു മുകളിൽ രേഖപ്പെടുത്തി നേരിട്ട് നൽകുകയോ, പ്രിൻസിപ്പാൾ, ഗവ. ദന്തൽ കോളേജ്, കോഴിക്കോട്-8 എന്ന വിലാസത്തിൽ അയയ്ക്കുകയോ ചെയ്യേണ്ടതാകുന്നു. വൈകി ലഭിക്കുന്ന ദർഘാസുകൾ സ്വീകരിക്കുന്നതല്ല. ദർഘാസുകൾ മുകളിൽ സൂചിപ്പിച്ചിരിക്കുന്ന ദിവസം ദർഘാസുകാരന്റെയോ അംഗീകൃത പ്രതിനിധിയുടെയോ സാന്നിധ്യത്തിൽ തുറക്കപ്പെടും. തപാലിൽ ലഭിക്കേണ്ട ദർഘാസ് ഫോറത്തിന്റെ വിലയായി മണിയോർഡർ ഒഴികെ മറ്റൊന്നും സ്വീകരിക്കുന്നതല്ല.

₹ 200 വിലയുള്ള കേരള മുദ്രപത്രത്തിൽ നിശ്ചിത മാതൃകയിലുള്ള സമ്മതപത്രം വാഗ്ദത്ത തുകയുടെ 1% നിരതദ്രവ്യത്തോടുകൂടി (മിനിമം ₹ 1,500) ദർഘാസിനോടൊപ്പം സമർപ്പിക്കേണ്ടതാണ്.

ദർഘാസ് വില രേഖപ്പെടുത്തേണ്ടത് നികുതി അടക്കമുള്ള ഒരു യൂണിറ്റിന്റെ വിലയാണ്.

ദർഘാസ് യാതൊരു കാരണവും കൂടാതെ റദ്ദ് ചെയ്യാനുള്ള അധികാരം പ്രിൻസിപ്പാളിൽ നിക്ഷിപ്തമാണ്.

കൂടുതൽ വിവരങ്ങൾ കോഴിക്കോട് ഗവ. ദന്തൽ കോളേജിന്റെ ആഫീസിൽ നിന്നും പ്രവൃത്തി സമയങ്ങളിൽ ലഭ്യമാണ്. (0495-2350605)

ക്രമ നമ്പർ	ദർഘാസ് നമ്പർ	സാധനങ്ങളുടെ പേര്	ഏകദേശ വില	തപാൽവഴി വിൽപ്പന അവസാനിക്കുന്ന തീയതി	ദർഘാസ് വിൽപ്പന അവസാനിക്കുന്ന തീയതി	ദർഘാസ് ലഭിക്കേണ്ട അവസാന തീയതി	ദർഘാസ് തുറക്കുന്ന തീയതി	വില	തപാൽവഴി വിൽപ്പന വില(എം.ഒ)	ഡ്യൂപ്ലിക്കേറ്റ് കോപ്പി യുടെ വില
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	എസ്1/2640/2020/ ഡിസിസി	കൺസർവേറ്റീവ് ഡെന്റിസ്റ്റി വിഭാഗത്തിലേക്കാവശ്യമായ റസ്റ്റോറേറ്റീവ് ചികിത്സക്ക് വേണ്ട സാമഗ്രികൾ	2,50,000	30-11-2020, 3 മണി	8-12-2020, 3 മണി	8-12-2020, 4 മണി	9-12-2020, 11 മണി	500 + ജി.എസ്.ടി.	550 + ജി.എസ്.ടി.	250 + ജി.എസ്.ടി.
2	എസ്1/2693/2020/ ഡിസിസി	കൺസർവേറ്റീവ് ഡെന്റിസ്റ്റി വിഭാഗത്തിലേക്കാവശ്യമായ റൂട്ട് കനാൽ ചികിത്സക്ക് വേണ്ട സാമഗ്രികൾ	2,50,000	30-11-2020, 3 മണി	8-12-2020, 3 മണി	8-12-2020, 4 മണി	9-12-2020, 11 മണി	500 + ജി.എസ്.ടി.	550 + ജി.എസ്.ടി.	250 + ജി.എസ്.ടി.
3	എസ്1/2694/2020/ ഡിസിസി	കൺസർവേറ്റീവ് ഡെന്റിസ്റ്റി വിഭാഗത്തിലേക്കാവശ്യമായ പ്രീക്ലിനിക്കൽ & കാസ്റ്റിങ്ങ് ചികിത്സക്ക് വേണ്ട സാമഗ്രികൾ	2,50,000	30-11-2020, 3 മണി	8-12-2020, 3 മണി	8-12-2020, 4 മണി	9-12-2020, 11 മണി	500 + ജി.എസ്.ടി.	550 + ജി.എസ്.ടി.	250 + ജി.എസ്.ടി.
4	എസ്1/2695/2020/ ഡിസിസി	പ്രോസ്തോ ഡോണ്ടിക്സ് വിഭാഗത്തിലേക്കാവശ്യമായ ഇംപ്രഷൻ മെറ്റീരിയൽസ്	1,50,000	30-11-2020, 3 മണി	8-12-2020, 3 മണി	8-12-2020, 4 മണി	9-12-2020, 11 മണി	400 + ജി.എസ്.ടി.	450 + ജി.എസ്.ടി.	200 + ജി.എസ്.ടി.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
5	എസ്1/2696/2020/ ഡിസിസി	പ്രോസ്തോഡോ ബിക്സ് വിഭാഗത്തിലേ ക്കാവശ്യമായ ജിപ്സം മെറ്റീരിയൽസ്	2,00,000	30-11-2020, 3 മണി	8-12-2020, 3 മണി	8-12-2020, 4 മണി	9-12-2020, 11 മണി	400 + ജി.എസ്.ടി.	450 + ജി.എസ്.ടി.	200 + ജി.എസ്.ടി.
6	എസ്1/2697/2020/ ഡിസിസി	പ്രോസ്തോഡോ ബിക്സ് വിഭാഗത്തിലേ ക്കാവശ്യമായ ആക്രിലിക് മെറ്റീരിയൽസ്	1,50,000	30-11-2020, 3 മണി	8-12-2020, 3 മണി	8-12-2020, 4 മണി	9-12-2020, 11 മണി	400 + ജി.എസ്.ടി.	450 + ജി.എസ്.ടി.	200 + ജി.എസ്.ടി.
7	എസ്1/2698/2020/ ഡിസിസി	പ്രോസ്തോഡോ ബിക്സ് വിഭാഗത്തിലേ ക്കാവശ്യമായ അബസീവ് & പോളിഷിങ് മെറ്റീരിയൽസ്	1,50,000	30-11-2020, 3 മണി	8-12-2020, 3 മണി	8-12-2020, 4 മണി	9-12-2020, 11 മണി	400 + ജി.എസ്.ടി.	450 + ജി.എസ്.ടി.	200 + ജി.എസ്.ടി.
8	എസ്1/2699/2020/ ഡിസിസി	പ്രോസ്തോഡോ ബിക്സ് വിഭാഗത്തിലേ ക്കാവശ്യമായ സെറാമിക് ലാബ് മെറ്റീരിയൽസ്	1,50,000	30-11-2020, 3 മണി	8-12-2020, 3 മണി	8-12-2020, 4 മണി	9-12-2020, 11 മണി	400 + ജി.എസ്.ടി.	450 + ജി.എസ്.ടി.	200 + ജി.എസ്.ടി.

No. S1. 2640/2020/DCC.

19th October 2020.

Sealed competitive tenders in the prescribed form are invited from the manufacturers or authorized dealers for the supply of Various Dental Materials to the various Departments of Govt. Dental College, Kozhikode. The tender forms and details can be obtained from the office of the Principal, Government Dental College, Kozhikode on payment of tender cost. Tender should be superscribed with Tender No. and addressed to the Principal, Govt. Dental College, Kozhikode. Belated tenders will not be accepted.

Each tender should be submitted along with an agreement signed and executed in Kerala stamp paper worth ₹ 200 and EMD@ 1% of the total cost of the item tendered for (minimum ₹ 1,500) Stamp paper will be supplied to the firm outside Kerala on request along with remittance of ₹ 250 (Rupees Two hundred and fifty only) by money order in favour of Principal, Government Dental College, Kozhikode. Specimen copy of the tender annexed with the tender form. Rates should be quoted for each unit in Indian Rupees only. All the taxes applicable to be clearly mentioned. Freight, insurance loading unloading erection and commission charges and installation charges should be done by the tenderer.

The tender without required earnest money deposit, agreement and not satisfying other tender specifications are liable to be rejected without further notice. Duplicate copy of tender form can be obtained on payment of cost. The tenders will be opened in the presence of tenderers or their authorized representatives as scheduled

Demonstration/Samples, if required, should be provided by the firm at their own expense. Further details can be had from the office of the Principal, Government Dental College, Kozhikode during working hours.

<i>Sl. No.</i>	<i>Tender No.</i>	<i>Name of Item</i>	<i>Approximate Cost</i>	<i>Closing date of sale of tender forms by post</i>	<i>Closing date of sale of tender forms</i>	<i>Last date of receipt of tender</i>	<i>Date of opening of tender</i>	<i>Cost of tender forms</i>	<i>Cost of tender form by post</i>	<i>Cost of duplicate forms</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	S1/2640/2020/ DCC	Materials for restorative treatment for the Department of Conservative Dentistry	2,50,000	30-11-2020 3 p. m.	8-12-2020 3 p. m.	8-12-2020 4 p. m.	9-12-2020 11 a.m.	500+GST	550+GST	250+GST
2	S1/2693/2020/ DCC	Materials for root canal treatment for the Department of Conservative Dentistry	2,50,000	30-11-2020 3 p. m.	8-12-2020 3 p. m.	8-12-2020 4 p. m.	9-12-2020 11 a.m.	500+GST	550+GST	250+GST
3	S1/2694/2020/ DCC	Materials for pre clinical and casting exercises for the Department of Conservative Dentistry	2,50,000	30-11-2020 3 p. m.	8-12-2020 3 p. m.	8-12-2020 4 p. m.	9-12-2020 11 a.m.	500+GST	550+GST	250+GST
4	S1/2695/2020/ DCC	Impression material for the Department of Prosthodontics	1,50,000	30-11-2020 3 p. m.	8-12-2020 3 p. m.	8-12-2020 4 p. m.	9-12-2020 11 a.m.	400+GST	450+GST	200+GST
5	S1/2696/2020/ DCC	Gypsum Product for the Department of Prosthodontics	2,00,000	30-11-2020 3 p. m.	8-12-2020 3 p. m.	8-12-2020 4 p. m.	9-12-2020 11 a.m.	400+GST	450+GST	200+GST
6	S1/2697/2020/ DCC	Acrylic Materials for the Department of Prosthodontics	1,50,000	30-11-2020 3 p. m.	8-12-2020 3 p. m.	8-12-2020 4 p. m.	9-12-2020 11 a.m.	400+GST	450+GST	200+GST
7	S1/2698/2020/ DCC	Abrasive and polishing Materials for the Department of Prosthodontics	1,50,000	30-11-2020 3 p. m.	8-12-2020 3 p. m.	8-12-2020 4 p. m.	9-12-2020 11 a.m.	400+GST	450+GST	200+GST
8	S1/2699/2020/ DCC	Ceramic Lab Materials for the Department of Prosthodontics	1,50,000	30-11-2020 3 p. m.	8-12-2020 3 p. m.	8-12-2020 4 p. m.	9-12-2020 11 a.m.	400+GST	450+GST	200+GST

Govt. Dental College,
Medical College Campus,
Kozhikode-673 008.

(Sd.)
Principal.

Police Department

TENDER NOTICES

[e-Government Procurement (e-GP)]

(1)

No. C1-5108/2019/FSL.

20th October 2020.

The Director, Forensic Science Laboratory, Kerala Police Department, Government of Kerala invites online bids from reputed manufacturers/authorized dealers or reputed vendors for the purchase of undermentioned equipment for the District Forensic Laboratory, Kollam and Malappuram. The bidders should comply with the following general conditions in addition to the additional conditions of the instant tender.

<i>Sl. No.</i>	<i>Name of Items</i>	<i>Specification</i>	<i>Quantity Required</i>
1	Analytical weighing balance with density determination kit	Enclosed	2
2	Spraybottle with sprayer (special Atomizer/Test Tube Atomizer/ TLC plate sprayer)	Enclosed	2
3	Heating mantle with energy regulator	Enclosed	2
4	Specification of TLC plate coater	Enclosed	2
5	Thin layer chromatographic plates	Enclosed	40
6	Thin layer chromatographic tank (TLC Tank)	Enclosed	2
7	Fume Hood	Enclosed	2
8	Borosilicate glass Desiccators	Enclosed	2
9	Bunsen Burner	Enclosed	2
10	Hot air ovens	Enclosed	2
11	UV Lamp with Wooden Table UV Lamp Table (Wooden)	Enclosed	2
12	Micropipettes	Enclosed	2
13	Density gradient tube	Enclosed	2
14	Hot Plate	Enclosed	2

Terms & Conditions

1. The supplier should quote the price valid for a period of one year.
2. If the authorized distributor is supplying the items, the Manufacturer/Principal Company has to submit an authorization letter for the dealer/authorized distributor.
3. All the quotations are to be enclosed with maximum discount.
4. The purchases are for Forensic Science Laboratory, Thiruvananthapuram.
5. Delivery of the consignment should be made at on the places mentioned in the supply order.
6. If the company is dealing with perishable goods, which require Cold Chain Management the delivery should be prompt. If any damages occur the supplier will be responsible for its replacement.
7. Penalty will be imposed on delay in delivery as per the existing rules.

8. In case of purchase of goods viz., consumables, disposables, etc. the contractual obligations should be considered as completed when supply is done and the items are inspected and accepted by the Institute.
9. For all supplies/Contract above ₹ 1 Lakh, the successful tenderer should furnish a Performance Bank Guarantee/Security Deposit @ 5% of the total assignment (purchase order value) in the form of Fixed Deposit or Bank Guarantee from a Commercial Bank which should be valid for a period of 60 days beyond completion of all contractual obligation of the supplier including warranty (if any).
10. Payment mode is through online after acceptance of goods in good condition at the places mentioned in the supply order.
11. For all ordered goods, Insurance/liability may be upto the supplier only.
12. If the quote is not according to the above terms and conditions, the same will be summarily rejected.

General

1. The Bidder should be a reputed Original Equipment Manufacturers (OEM) or authorized dealer of OEM, who is having an Authorization Certificate from the OEM to participate in the tender floated by Kerala Police. Certificate from the OEM for sales and service, to be produced.
2. One bidder can not represent two suppliers/OEMs or quotes on their behalf in a particular tender.
3. The OEM/Bidder should have a well equipped service centre functioning in India (preferably in Kerala) to cater to immediately after sales requirement; copy of Service Centre details must be enclosed along with tender document. (Preferably bidder should have a Service Centre in Kerala/South India).
4. A reputed vendor can participate in the tender provided the vending outfit is functioning in the market for at least 10 years.
5. The Bidder should have valid GST registration. Copy of GST registration certificate should be enclosed along with the tender.
6. The bidder should have valid PAN/Taxation Index Number. Copy of PAN/Taxation Index Number allocation letter should be enclosed along with the tender.
7. The Bidder must fulfil the following minimum qualification criteria to prove the techno-commercial competence and submit the documents in support thereof:
 - (a) Valid Authorization letter from the OEM to attend this particular tender.
 - (b) Certificate of Registration/Incorporation Certificate of the Bidder.
 - (c) Last 3 year's financial status of the Bidder's/P&L and Balance Sheet/audit report of last 3 years.
 - (d) The bidder (authorized dealer/distributor) should have the dealership/distributionship for at least 3 (three) continuous consecutive years with the OEM.
 - (e) The Bidder has to submit a Warranty Certificate along with invoices.
 - (f) In case of a proprietary item, a certificate by the OEM to be attached.

Tender No. & Date—16/2020-21, dated 20-10-2020.

Item—Purchase of above mentioned equipment for the District Forensic Laboratory, Kollam and Malappuram.

Quantity—Mentioned above.

Estimated Amount—₹ 37,00,000.

Tender fees—₹ 7,000 + Tax = ₹ 8,260.

Earnest Money Deposit—₹ 37,000.

Date and time of publication of e-tender—20-10-2020 6 p. m.

Date of submission of e-tender—21-10-2020, 6 p. m. to 26-11-2020, 12 Noon.

Last date and time for online submission of e-tender—26-11-2020, 12 Noon.

Date and time of opening of e-tender—27-11-2020, 3 p. m.

Place of opening—Forensic Science Laboratory, Thiruvananthapuram.

Date, time and place of technical Evaluation—Will be informed later.

Bid Validity (Total Number of days up to which the rates are to be firm)—150.

Address of tender Inviting Authority—Forensic Science Laboratory, Kerala, Vazhuthacadu, Thiruvananthapuram-695010. Ph: 0471 2721533. e-mail: dirfsl.pol@kerala@gov.in, Website:www.keralapolice.gov.in

9. **Mode of submission of bids:**—Online. All Bid documents shall be submitted only in online procedure through the e-GP website www.etenders.kerala.gov.in in their designated online covers. Details of covers are given separately. No other mode of submission shall be accepted and such tenders will be rejected outright.
10. **Cover details:**—No. of covers—2. (i) Technical Bid and Financial Bid. In the case of Foreign Equipments, the rate must be quoted in Indian Rupees. The documents to be uploaded under each online covers are specified in the website.
11. **Downloading of e-Tender documents:**—The tender document can be downloaded from the e-GP website www.etenders.kerala.gov.in from the date and time of publication of e-tender onwards to last date and time for online submission of e-tender. Downloading of tender documents will not be possible after the date specified above.
12. **Submission of e-Tender documents:**—The digitally signed tender document and other specified documents shall be submitted online through the e-GP website www.etenders.kerala.gov.in well in advance before the last date and time mentioned above. No submission shall be allowed after the last date mentioned above.
13. **Payment of Tender Fees:**—A non-refundable tender fee shall be paid in online mode through the e-GP website www.etenders.kerala.gov.in at the time of bid submission. No other mode of payment shall be accepted. The tenders of bidders who do not remit fees through online will be rejected outright.
14. **Payment of Earnest Money Deposit (EMD):**—The EMD shall be paid in online mode through the e-GP website www.etenders.kerala.gov.in at the time of bid submission. No other mode of remittance shall be accepted.
15. **Exemption from payment of EMD:**—Bidders who are registered with Store Purchase Department, Kerala or National Small Scale Industries Corporation Ltd., New Delhi (for the items tendered) are exempted from submission of EMD. Those bidders claiming exemption shall submit valid registration certificate from the SPD, Kerala or NSSIC, New Delhi.

Tenders of bidders who do not remit EMD online or do not upload documental proof (digitally signed) for exemption of EMD will be rejected outright.
16. **Withdrawal and re-submission of e-Tender:**—The Bidders are at liberty to withdraw the submitted tender/documents and to submit fresh tender/documents till the last date and time of submission of the e-Tender after which withdrawal/resubmission will not be allowed.
17. **Opening of e-Tenders:**—The bids shall be opened online through the e-GP website www.etenders.kerala.gov.in at the Police Headquarters, Vazhuthacaud, Thiruvananthapuram on the date and time mentioned above in the presence of the Bidders/authorized representatives who wish to attend at the above address. If the tender opening date happens to be a holiday or non-working day due to any valid reason, the tender opening process will be done on the next working day at the same time and place specified. Any change in the opening date/time/venue due to other reasons shall be informed by way of Corrigendum published in the e-GP website. The Technical Bids will be evaluated by a Technical Evaluation Committee and those that do not conform to the specifications or to the satisfaction of the Committee will be rejected. The financial bids of the Technically qualified Tenderers only will be considered for opening. The date of opening of financial Bids will be intimated to the concerned technically qualified tenderers, over phone/Fax/e-mail. This will be within 7 to 10 days of evaluation of technical bid.
18. **Technical Evaluation:**—All tenderers who quote for the supply of above equipment are required to be ready for live demonstration to be held in Forensic Science Laboratory, and the date will be informed later.
19. All Bidders who participates in e-tender should produce hard copies of all relevant documents related to e-tender at the time of technical evaluation, without fail.

20. Note to Bidders:

- i. Bidders have to procure legally valid Digital Certificate (Class III) as per Information Technology Act, 2000 for digitally signing their electronic bids. Bidders can procure the same from any of the license certifying authority of India. For more details, please visit the e-GP website www.etenders.kerala.gov.in.
- ii. Bidders are advised to note the Tender_Id and Tender No. & Date for future reference.
- iii. All uploaded documents should contain the signature and the office seal of the bidder/ authorized persons and should be digitally signed while uploading. Documents uploaded without digitally signing shall entitle rejection of the tender.
- iv. In the case of Foreign Equipments, the rate should be quoted in Indian Rupees. Preference will be given to those who are ready to supply the item without opening Letter of Credit. Ordinarily, no advance payment will be made for procuring the above item. In case advance payment has to be made, a clear case has to be made out by the Tenderer. However this will be only on extraordinary circumstances.
- v. For obtaining Digital Signature Certificate and help on e-tendering process, contact
Kerala State IT Mission, e-Government Procurement PMU & Helpdesk, Basement floor of Pension Treasury Building, Uppalam Road, Statue, Thiruvananthapuram; Ph: 0471-2577088, 2577188; Toll free No. 18002337315; email:etendershelp@kerala.gov.in; Website: www.etenders.kerala.gov.in on all government working days from 9.30 am to 5.30 pm.
- vi. The Director, Forensic Science Laboratory is empowered to reject any tender without assigning any reason.
- vii. For any clarifications regarding the terms and conditions in this tender notice or the tender document, please contact Director, FSL or Manager FSL, Thiruvananthapuram-10 on all Government working days from 10.30 a. m. to 5 p. m. (Ph. No. 0471-2722136) (Ph. No. 0471- 2722155).

Note:—Bidders are advised to go through the conditions in the notice inviting tender and the tender document carefully and comply them to avoid outright rejection of their tender.

For any litigation relating to this order, the jurisdiction will be Thiruvananthapuram City.

SPECIFICATIONS**1. Analytical Weighing Balance With Density Determination Kit**

- Capacity: 120 gms/better
- Minimum display: 0.01 mg
- Repeatability Std. Deviation: ≤ 0.01 mg/better
- Linearity: ± 0.1 mg/ better
- Response Time: 3secs.
- Operating ambient Temperature: 5 to 40° C
- Temp. coefficient of sensitivity 10 to 30° C : + 2ppm/°C
- Sensitivity stability against temperature 10 to 30°C : + 2ppm (When PSC is ON)
- Pan Size: 80 mm dia approx.
- Fully Automatic internal calibration system and fast stabilization time
- Power Consumption: 7 VA approx.
- Display-Full colour VGA graphic Display, QWERTY keyboard, Numeric Key pad to quick input and GMP data and other application data.
- Easy access communication ports include minimum two unit of USB ports, save to USB, internal weigh below hook for below balance weighing applications, removable stainless steel platform, stability indicator, overload and under load indicator, auto standby, GLP/GMP Data output with real clock time and data transfer function.
- Construction should be metal base, ABS top housing, stainless steel pan, antistatic glass draft shield with top door, replaceable in use cover.

- Warranty-3 years
- The instrument will have superior technology, superior accuracy, response and duration
- Balance should supply along with density determination kit for both solids and liquids.
- Glass beaker, glass plummet, sinker glass, Brackets, platforms, Holder for non-floating solids, thermometer with holder, etc.
- Certifications: CE, ISO Calibration certificate, Traceability certificate as per NABL requirements.
- **Spray Bottle With Sprayer (Special Atomizer/ Test Tube Atomizer/TLC Plate Sprayer)**
- Borosilicate glass spraying device with rubber ball.
- Volume-50 to 150 ml
- Volume-10 to 50 ml (test tube type)
- Very fine and uniform spray
- Resistant to TLC reagents and corrosive chemicals
- To be provide uniform spray mist of visualization reagents for TLC
- **Heating Mantle with Energy Regulator**
- Chemical resistant body
- Capacity: 250ml & 500 ml 9 (Accommodate round bottom flask of 250 ml & 500 ml capacity or Accommodates round bottom flask between 250 to 1000ml)
- Temperature controller energy regulator/better
- Should provide uniform heating
- Maximum surface temperature-100°C/better
- Should be provided with calibration certificate, Traceability certificate and CE certificate as per NABL requirements.
- **Specification of TLC Plate Coater**
- Hand operated, chemical resistant & metallic
- Adjustable gate for layer thickness (0.20mm/0.25mm/better)
- One plate holder for minimum eight/better 20 cm X 20 cm plates.
- Suitable for routine work.
- Should be chemical resistant
- Thin Layer Chromatographic Plates
- Size: 20 cm × 20 cm TLC Borosilicate glass plate
- Should be chemical resistant
- **Thin Layer Chromatographic Tank (TLC Tank)**
- Rectangular glass TLC developing tank with latch & knob glass lid
- Glass tank features: flat ground top and flat ground bottom for stability
- For 20 cm × 20 cm TLC glass plates
- Should be chemical resistant Borosilicate glass
- **Fume Hood**
- Resistant to corrosive chemicals
- External Size (W*D*H): 1840*800*2200mm
- Internal Size (W*D*H): 1620*670*730mm
- Work Surface Height: 850mm

- Max Opening: 520mm
- Air Velocity: 0.3 ~ 0.8m/s
- LED Display
- Noise: ≤60dB
- Exhaust Duct: PVC. Standard length: 4 meters or above suitable for lab work, Ø300mm
- LED Lamp: 16W*1
- UV Lamp: Emission of 253.7 nanometers for most efficient decontamination
- Blower: Built-in centrifugal blower; Speed adjustable
- Front Window: 5mm toughened glass; Motorized: Height adjustable
- Power Supply: AC220V10%, 50/60Hz; 110V±10%, 60Hz
- Consumption: 500W
- Material: Exterior: Cold-rolled steel with anti-bacteria powder coating; Interior: High grade melamine board with good acid and alkali resistance function;/better
- Work Table: Chemical resistant phenolic resin/better.
- Blower Capacity: 2300 m3/h
- Air Volume: 1170-18000m3/h
- Equipment should be supplied with UV lamp for sterilization, LED lamp, Water tap, Gas tap, Water sink, water proof power sockets, Suitable Exhaust duct, etc.
- Base Cabinet should have facility for storing corrosive chemicals and volatile solvents.
- Able to work in case of power failure
- Certifications: CE, Calibration report to be attached

Borosilicate glass Desiccators

- Borosilicate glass with bodies and covers that have great strength and utility
- The body is designed with a streamlined contour that facilitates easy cleaning of the used desiccant.
- Any desiccant such as sulphuric acid, phosphoric pentoxide, calcium chloride or silica gel may be used
- Robust Desiccators base and cover made of borosilicate glass.
- Simple design for drying under atmospheric pressure Ground glass flanges.
- Plates are positioned on an internal ledge within the base.
- Generally used for drying of moist products, and for storage of moisture- sensitive substances.
- Size: Borosilicate glass (210mm)

Bunsen Burner

- Natural Gas Bunsen burner with rotatable air regulator
- Nickel plated burner tube for maximum corrosion resistance
- Steel base 80 mm diameter
- 11 mm diameter burner, total height 125 mm, boxed weight approx. 250 g, 8 mm gas inlet

Hot Air Ovens

- Glass window in -built into the door.
- Forced convection design ensures a high level of control accuracy and uniformity.
- Automatic cut off of heater & blower when door opened.
- Digital PID temperature controller with timer, alarms and auto tuning.
- Non contact type door switch.
- Aero dynamic internal design for achieving horizontal air circulation.

- Solid and plain bottom without electricals.
- Seamless round cornered edge of internal chamber ensures easy cleaning & prevents any leakage.
- Supplied with stainless steel wire mesh shelves. Shelf height adjustable in 25mm steps.
- Temp range: + 50°C to 200°C.
- Control accuracy: $\pm 0.2^\circ\text{C}$.
- CE certified.
- Capacity (Appro.): 91 L

UV Lamp with Wooden Table**UV Lamp Table (Wooden)**

L × B × H: 6 ft × 3 ft × 2.5 ft

UV Lamp

- UV bulb with height and position adjustable stand and hood
- Instant on/off/restrike
- Lightweight, solid-state ballast
- Integral bulb/reflector assembly
- Cool, impact-resistant and dent-proof housing
- Input 240V and 100V
- Bulb life 2,000 hours or above

Micropipettes

- Micropipette should be adjustable with ultra-light weight and fully autoclavable.
- Piston System: Ultra-light system made of fortan.
- It should be highly resistant to heat, acids and alkalies, mildew, bleaches, aging, sunlight, and abrasion
- Volume Display: Four digit display.
- Volume adjustment: Only few turn to reach from maximum to minimum volume
- Ejector: Very low ejection force and positioned for perfect ergonomics.
- Viable calibration seal to indicate factory calibration not changed

Volumes

0.5 to 10 micro litre

1 to 100 micro litre

20 to 200 micro litre

100 to 1000 micro litre

500 to 5000 micro litre

Density Gradient Tube with Stand

- (i) Tube made up of Borosilicate glass. Length of the tube: 30 cm. Inner diameter of the tube: 5mm

Hot Plate

- Material: Mild Steel
- Voltage: 230 V
- Automation Type: Automatic
- Frequency: 50 Hz
- Operating Voltage: 220 V
- Power: 1500 W
- Maximum Surface Temperature: 300 deg. C size: 25 cm round.

Forensic Science Laboratory,
Thiruvananthapuram.

(Sd.)
Director.

(2)

No. C1-6600/2020/FSL.

20th October 2020.

The Director, Forensic Science Laboratory, Kerala Police Department, Government of Kerala invites online bids from reputed manufacturers/authorized dealers or reputed vendors for the purchase of undermentioned equipment for the Biology and Serology Divisions of Forensic Science Laboratory, Thiruvananthapuram. The bidders should comply with the following general conditions in addition to the additional conditions of the instant tender.

<i>Sl. No.</i>	<i>Name of Items</i>	<i>Specification</i>	<i>Quantity Required</i>
1	pH/Conductivity/TDS/Temp Meter (Bench top) documents should be attached	Enclosed	1
2	Stereo zoom Microscope with Dedicated Digital Camera and Image Analysis System Calibration certificate with NABL approved lab	Enclosed	1
3	Calibrated Hygrometer with display of humidity temperature and time	Enclosed	5
4	Imported digital Upright Biological microscope Calibration certificate with NABL approved lab	Enclosed	2

Terms and Conditions

1. The supplier should quote the price valid for a period of one year.
2. If the authorized distributor is supplying the items, the Manufacturer/Principal Company has to submit an authorization letter for the dealer/authorized distributor.
3. All the quotations are to be enclosed with maximum discount.
4. The purchases are for Forensic Science Laboratory, Thiruvananthapuram.
5. Delivery of the consignment should be made at on the places mentioned in the supply order.
6. If the company is dealing with perishable goods, which require Cold Chain Management the delivery should be prompt. If any damages occur the supplier will be responsible for its replacement.
7. Penalty will be imposed on delay in delivery as per the existing rules.
8. In case of purchase of goods viz., consumables, disposables, etc. the contractual obligations should be considered as completed when supply is done and the items are inspected and accepted by the Institute.
9. For all supplies/Contract above ₹ 1 Lakh, the successful tenderer should furnish a Performance Bank Guarantee/ Security Deposit @ 5% of the total assignment (purchase order value) in the form of Fixed Deposit or Bank Guarantee from a Commercial Bank which should be valid for a period of 60 days beyond completion of all contractual obligation of the supplier including warranty (if any).
10. Payment mode is through online after acceptance of goods in good condition at the places mentioned in the supply order.
11. For all ordered goods, Insurance/liability may be upto the supplier only.
12. If the quote is not according to the above terms and conditions, the same will be summarily rejected.

General

1. The Bidder should be a reputed Original Equipment Manufacturers (OEM) or authorized dealer of OEM, who is having an Authorization Certificate from the OEM to participate in the tender floated by Kerala Police. Certificate from the OEM for sales and service to be produced.
2. One bidder can not represent two suppliers/OEMs or quotes on their behalf in a particular tender.
3. The OEM/Bidder should have a well equipped service centre functioning in India (preferable in Kerala) to cater to immediately after sales requirement; copy of Service Centre details must be enclosed along with tender document. (Preferably bidder should have a Service Centre in Kerala/South India).
4. A reputed vendor can participate in the tender provided the vending outfit is functioning in the market for atleast 10 years.
5. The Bidder should have valid GST Registration. Copy of GST Registration Certificate should be enclosed along with the tender.
6. The bidder should have valid PAN/Taxation Index Number. Copy of PAN/Taxation Index Number allocation letter should be enclosed along with the tender.
7. The Bidder must fulfil the following minimum qualification criteria to prove the techno-commercial competence and submit the documents in support thereof:
 - (a) Valid Authorization letter from the OEM to attend this particular tender.
 - (b) Certificate of Registration/Incorporation Certificate of the Bidder.
 - (c) Last 3 year's financial status of the Bidder's P&L and Balance Sheet/Audit Report of last 3 years.
 - (d) The bidder (authorized dealer/distributor) should have the dealership/distributionship for atleast 3 (three) continuous consecutive years with the OEM.
 - (e) The Bidder has to submit a Warranty Certificate along with invoices.
 - (f) In case of a proprietary item, a certificate by the OEM to be attached.

Tender No. and date—15/2020-21, dated 20-10-2020.

Item—purchase of equipment for the Biology and Serology Divisions of Forensic Science Laboratory, Thiruvananthapuram.

Estimated Amount—₹ 5,50,000.

Tender Fees—₹ 1,380 + Tax = ₹ 1,628.

Earnest Money Deposit—₹ 5,500.

Date and time of publication of e-Tender—20-10-2020, 6 p.m.

Date and time of submission of e-Tender—21-10-2020, 6 p.m. to 26-11-2020, 12 Noon

Last date and time for online submission of e-tender—26-11-2020, 12 Noon

Date and time of opening of e-Tender—27-11-2020, 3 p.m.

Place of opening —Forensic Science Laboratory, Thiruvananthapuram.

Date, Time and Place of Technical Evaluation—Will be informed later.

Bid Validity (Total Number of Days up to which the rates are to be firm) —150 days.

Address of Tender Inviting Authority—Forensic Science Laboratory, Kerala, Vazhuthacaud, Thiruvananthapuram-695 010 Ph: 0471 2721533, e-mail: dirfsl.pol@kerala.gov.in, Website: www.keralapolice.gov.in.

9. **Mode of submission of bids:**—Online. All Bid documents shall be submitted only in online procedure through the e-GP website www.etenders.kerala.gov.in in their designated online covers. Details of covers are given separately. No other mode of submission shall be accepted and such tenders will be rejected outright.
10. **Cover details:**—No. of covers—2. (i) Technical Bid and Financial Bid. In the case of Foreign Equipments, the rate must be quoted in Indian Rupees. The documents to be uploaded under each online covers are specified in the website.
11. **Downloading of e-Tender documents:**—The tender document can be downloaded from the e-GP website www.etenders.kerala.gov.in from the date and time of publication of e-tender onwards to last date and time for online submission of e-tender. Downloading of tender documents will not be possible after the date specified above.
12. **Submission of e-Tender documents:**—The digitally signed tender document and other specified documents shall be submitted online through the e-GP website www.etenders.kerala.gov.in well in advance before the last date and time mentioned above. No submission shall be allowed after the last date mentioned above.
13. **Payment of Tender Fees:**—A non-refundable tender fee shall be paid in online mode through the e-GP website www.etenders.kerala.gov.in at the time of bid submission. No other mode of payment shall be accepted. The tenders of bidders who do not remit fees through online will be rejected outright.
14. **Payment of Earnest Money Deposit (EMD):**—The EMD shall be paid in online mode through the e-GP website www.etenders.kerala.gov.in at the time of bid submission. No other mode of remittance shall be accepted.
15. **Exemption from payment of EMD:**—Bidders who are registered with Store Purchase Department, Kerala or National Small Scale Industries Corporation Ltd., New Delhi (for the items tendered) are exempted from submission of EMD. Those bidders claiming exemption shall submit valid registration certificate from the SPD, Kerala or NSSIC, New Delhi.

Tenders of bidders who do not remit EMD online or do not upload documental proof (digitally signed) for exemption of EMD will be rejected outright.
16. **Withdrawal and re-submission of e-Tender:**—The Bidders are at liberty to withdraw the submitted tender/documents and to submit fresh tender/documents till the last date and time of submission of the e-Tender after which withdrawal/resubmission will not be allowed.
17. **Opening of e-Tenders:**—The bids shall be opened online through the e-GP website www.etenders.kerala.gov.in at the Police Headquarters, Vazhuthacaud, Thiruvananthapuram on the date and time mentioned above in the presence of the Bidders/authorized representatives who wish to attend at the above address. If the tender opening date happens to be a holiday or non-working day due to any valid reason, the tender opening process will be done on the next working day at the same time and place specified. Any change in the opening date/time/venue due to other reasons shall be informed by way of Corrigendum published in the eGP website. The Technical Bids will be evaluated by a Technical Evaluation Committee and those that do not conform to the specifications or to the satisfaction of the Committee will be rejected. The financial bids of the Technically qualified Tenderers only will be considered for opening. The date of opening of financial Bids will be intimated to the concerned technically qualified tenderers, over phone/Fax/e-mail. This will be with in 7 to 10 days of evaluation of technical bid.
18. **Technical Evaluation:**—All tenderers who quote for the supply of above equipment are required to be ready for live demonstration to be held in Forensic Science Laboratory, and date will be informed later.
19. All Bidders who participates in e-tender should produce hard copies of all relevant documents related to e-tender at the time of technical evaluation, without fail.
20. **Note to Bidders:**
 - i. Bidders have to procure legally valid Digital Certificate (Class III) as per Information Technology Act, 2000 for digitally signing their electronic bids. Bidders can procure the same from any of the license certifying authority of India. For more details, please visit the e-GP website www.etenders.kerala.gov.in.
 - ii. Bidders are advised to note the Tender_Id and Tender No. & Date for future reference.
 - iii. All uploaded documents should contain the signature and the office seal of the bidder/ authorized persons and should be digitally signed while uploading. Documents uploaded without digitally signing shall entitle rejection of the tender.

- iv. In the case of Foreign Equipments, the rate should be quoted in Indian Rupees. Preference will be given to those who are ready to supply the item without opening Letter of Credit. Ordinarily, no advance payment will be made for procuring the above item. In case advance payment has to be made, a clear case has to be made out by the Tenderer. However this will be only on extraordinary circumstances.
- v. For obtaining Digital Signature Certificate and help on e-tendering process, contact
Kerala State IT Mission, e-Government Procurement PMU & Helpdesk, Basement floor of Pension Treasury Building, Uppalam Road, Statue, Thiruvananthapuram; Ph: 0471-2577088, 2577188; Toll free No. 18002337315; email:etendershelp@kerala.gov.in; Website: www.etenders.kerala.gov.in on all government working days from 9.30 am to 5.30 pm.
- vi. The Director, Forensic Science Laboratory is empowered to reject any tender without assigning any reason.
- vii. For any clarifications regarding the terms and conditions in this tender notice or the tender document, please contact Director, FSL or Manager FSL, Thiruvananthapuram-10 on all Government working days from 10.30 a. m. to 5 p. m. (Ph. No. 0471-2722136) (Ph. No. 0471- 2722155).

Note:—Bidders are advised to go through the conditions in the notice inviting tender and the tender document carefully and comply them to avoid outright rejection of their tender.

For any litigation relating to this order, the jurisdiction will be Thiruvananthapuram City.

SPECIFICATIONS

Sl. No.	Item	Description of Articles, Specifications/Drawing of particulars (Give details and particulars)
(1)		(2)
1.	pH /Conductivity/TDS/Temp Meter (Bench top)	
	1.	PH-Range— -2 to 25, Resolution 0.1/0.01/0.001 Accuracy +/- 0.002 Cal. Points 5 points. USA, NIST & Custom options.
	2.	ORP—Range +/- 2000 mV Resolution 0.1 mV Accuracy +/- 0.2 Mv
	3.	Temperature—(ATC/MTC) Range 0 to 100 C/32 to 212 F Resolution 0.1 C / 0.1 F Accuracy +/- 0.3C
	4.	Conductivity—Range 0.05 uS to 500 mS Resolution 0.01/ 0.1 uS 0.001/0.01/0.1 mS Accuracy +/-1% of Full Scale Cal. Points 5 points.
	5.	TDS—Range 0.05 ppm to 500 ppt Resolution 0.01/ 0.1 ppm 0.001/0.01/0.1 ppt Accuracy +/-1% of Full Scale Cal. Points 5 points.
	6.	Salinity—Range 0 to 80 ppt Resolution 0.01/ 0.1ppm 0.001/0.01/0.1ppt Accuracy +/-1% of Full Scale Cal. Points 5 points
	7.	Resistivity—Range 2 Ohm to 20 Mega Ohm Resolution 0.01/ 0.1Ohm 0.001/0.01/0.1K Ohm, 0.01 M Ohm Accuracy +/-1% of Full Scale Cal. Points 5 points
	8.	Temperature—(ATC/MTC) Range 0 to 100 °C/32 to 212 F Resolution 0.1 °C / 0.1 F Accuracy +/- 0.3 °C/0.5F Coefficient: Linear & pure 0.000 to 10.000% Normalization: 15.0 °C to 30 °C
	9.	Meter Features—
	1.	PH-Electrode—double junction glass, gel filled sealed
	2.	Cell Constant selection: 0.010 to 10
	3.	Conductivity 4 cell rings with graphite with epoxy body
	4.	Suitable electrode should be supplied along with meter. (Nearly 0.5K)
	5.	Application Ultra-pure water/general application

(1)	(2)
	6. Output: RS- 232 / USB 7. Memory: 500 data sets 8. Password Protection 9. Data logging—Manual, timed, Printer or CVS format. 10. Cal due alarm. 11. High/Low alarm: 12. Should be GLP 13. Software/Printer upgradable. 14. Offset/Slope should be displayed. 15. Warranty 3 Years for meter. Documents should be attached
2	Stereo zoom Microscope with Dedicated Digital Camera and Image Analysis System Magnification—10x—90x Working distance—97mm 3.1mega pixel in built camera.Illumination: 3W LED illumination(incident and transmitted) Image analysing software All in one Desktop computer/ Lap top. Calibration certificate with NABL approved lab
3	Calibrated Hygrometer with display of humidity temperature and time.
4	Imported digital Upright Biological microscope. Objective—C paln, 4x, 10x, 40x and 100x (water immersion. 3.1 mega pixel in built camera. Illumination—3W LED illumination Image analysing software All im ne Desktop computer/Lap top. Calibration certificate with NABL approved lab

Forensic Science Laboratory,
Thiruvananthapuram.

(Sd.)
Director.